Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Address : 172 TILLARY STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.207 / 13103 Yr Built/Renovated : 1971 /

Area Sq Ft : 21,900 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 134 Lot : 6 BIN : 3000252

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$74,200	
Interior Architecture	\$141,300	
Electrical	\$41,300	\$9,600
Mechanical		\$447,600
Total	\$256,700	\$457,200
Importance Code A	\$74,200	
Importance Code B	\$182,500	\$457,200
Total	\$256,700	\$457,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$56,200			
Interior Architecture	\$29,100	\$2,700	\$500	\$1,600
Electrical	\$300	\$100	\$21,300	\$200
Mechanical	\$3,000	\$5,600	\$33,800	\$5,800
Total	\$88,500	\$8,400	\$55,700	\$7,600
Importance Code A	\$56,300	\$200	\$200	\$200
Importance Code B	\$17,200	\$7,100	\$55,500	\$7,400
Importance Code C	\$15,000	\$1,100		
Total	\$88,500	\$8,400	\$55,700	\$7,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Architecture		Current R	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
xterior									
Exterior Walls									
Masonry: Brick		Now	\$74,200	LIFE	* *	5	\$12,300		
	_		, Extent : Modera						
	Location	: Lintels Si	pporting Masonr	y Above	Windows And Brici	k Reliefs.			
Metal Sect. OHD	10%			2039	* *	5	\$6,400		
Granite Panels	30%	Now	\$13,000	LIFE	* *	5	\$4,600		
	Jnt Morta	r Miss/Erod	Extent : Light, A	rea Affec	rted : 20%				
	Location	: Througho	put						
Windows									
Aluminum	50%	Now	\$17,000	2051	* *	5	\$200		
	_		nt : Severe, Area A	Affected :	70%				
	Location	: Througho	put						
Aluminum	50%			2034	* *	5	\$400		
Parapets									
Masonry: Brick	82%	Now	\$13,900	LIFE	* *	5	\$4,800		
•	Broken/M	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location	: Missing I	Portion Of Brick F	Parapet A	t Front Facade, Ro	oof Level			
Metal Cornice	5%			2054	* *	10	\$900		
Metal Rail	3%	Now	\$100	2031	* *	5	\$1,300		
		s Fasteners, a : Front Fac	Extent : Light, A	rea Affec	ted : 10%				
Granite Panels	10%			LIFE	* *	5	\$600		
Roof	1070			DII E			φοσο		
Modified Bitumen	100%	Now	\$8,800	2031	* *				
Wodified Bitainen			Light, Area Affect		,)				
	_	_	oints Throughout.						
terior		1							
Floors									
Cast in Place Concrete	40%	Now	\$6,700	LIFE	* *	5	\$28,100		
	Horizonta	l Cracks, Ex	tent : Light, Area	Affected	: 5%				
	Location	: Apparatu	s Floor And Stair	Shaft La	ndings.				
Ceramic Tile	10%			2035	* *	5	\$3,200		
Terrazzo	10%			LIFE	* *	5	\$2,500		
Vinyl Tile 9" X 9"	40%		\$141,300	2036	* *	3	\$4,800		
,			ents, Extent : Seve		Affected : 10%		, ,		
		: 1st Floor							
			: Moderate, Area	Affected	: 30%				
			ıt 2nd Floor						
		_	ctent : Light, Area	Affected	! : 12%				
			enovation On 2nd						
	Explana	tion : Curre	ntly Under Consti	ruction					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$2,100	
Concrete Masonry Unit	5%	Now	\$4,700	LIFE	* *	5	\$400	
			ent : Light, Area A cal Penthouse.	Affected :	15%			
Gypsum Board	10%			LIFE	* *	5	\$1,300	
71	Location	: Partial R	xtent : Moderate, A Tenovation At 2nd A Ently Under Constr	Floor Sp				
Plaster	35%			LIFE	* *	5	\$2,200	
SGFT/Glazed Masonry		Now	\$10,300	LIFE	* *	-	+-,-	
, and the second		-	ents, Extent : Ligh um And Apparatus		ffected : 10%			
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	\$1,000	
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Partial R	enovation At 2nd	Floor Sp	aces			
	Explanat	ion : Curre	ently Under Constr	ruction				
Exposed Concrete	35%			LIFE	* *	5	\$600	
Plaster	55%	0-2	\$7,500	LIFE	* *	5	\$3,600	
	Paint Peel	ing, Extent	: Light, Area Affec	cted : 2%	ó			
	Location	: Stair Sha	ft And Shower Are	ea On 2nd	d Floor			
	Worn/Eroc	ded, Extent	: Moderate, Area	Affected	: 20%			
	Location	: Kitchen A	And 2nd Floor Thr	oughout				

lectrical		Current Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Service Equipment							
Not Accessible	100%						
Switchgear / Switchboard							
Not Accessible	100%						
Raceway							
Conduit	50%		2026	\$15,600	1		
Conduit	50%		2046	* *	1		
Panelboards							
Molded Case Bkrs	75%		2042	* *	5	\$400	
Molded Case Bkrs	25%		2025	\$9,600	5	\$100	
Wiring							
Thermoplastic	100%		2036	* *	1		
Motor Controllers							
Motor Control Center	100%		2024	\$14,400	5	\$600	

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Electrical	Current Repair	Future Re	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	99%	2031	* *	10	\$19,900	
	Other Observation, Extent : Light,	Area Affected : 10	00%			
	Location : Throughout The Build	ling				
	Explanation: T-8					
Incandescent	1%	2021	\$1,400	2		
Exterior Lighting				•		
HID	50%	2021	\$41,300	10		
No Component	50%					

echanical	Current Repair	Future Replacem	ent	M	aintenance			
rstem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priorit		
ating								
Energy Source								
Natural Gas	15%	2056	* *	1				
	Other Observation, Extent: Light, Ar	ea Affected : 100%						
	Location: 1st Floor							
	Explanation: Serves Space Current	ly Being Renovated						
Not Accessible	85%							
	Other Observation, Extent: Light, Area Affected: 0%							
	Location : Throughout							
	Explanation : Served By Adjacent B	Building						
Conversion Equipment								
Hot Water Boiler	15%	2046	* *	1	\$1,600			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 1st Floor							
	Explanation: Serves Space Current	ly Being Renovated						
Not Accessible	85%							
	Other Observation, Extent : Light, Ar	ea Affected : 0%						
	Location : Throughout							
	Explanation : Served By Adjacent B	Building						
Distribution		5						
Hot Wtr Piping/Pump	85%	2042	* *	4	\$900			
Hot Wtr Piping/Pump	15%	2051	* *	4	\$200			
1 5 1	Other Observation, Extent: Light, Area Affected: 100%							
	Location : 2nd Floor							
	Explanation : Serves Space Current	ly Being Renovated						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	40%		2026	\$115,200	1	\$5,400	
Convector/Radiator	43%		2031	* *	1	\$3,000	
Convector/Radiator	15%		2046	* *	1	\$1,100	
	Other Observation, I Location : 2nd Floo	or					
	Explanation : Serve	es Space Currently					
Unit Heater - Steam	2%		2026	\$1,500	4		
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Reciprocating Compr/Chiller	60%		2026	\$104,300	1	\$6,100	
	R-22 Refrigerant, Ex		ffected :	100%			
	Location: Roof Me	echanical Room					
Exterior Pkg Unit - Cooling	20%		2031	* *	2	\$300	
Ç	Other Observation, I Location : Roof Explanation : R 41		Affected	: 100%			
Window/Wall Unit	20%		2021	\$8,500	1		
Distribution	2070		2021	ψο,200	-		
CW & CHW Wtr	60%		2036	* *	4	\$1,000	
Pipe/Pump							
Ductwork/Diffusers	40%		LIFE	* *	2	\$11,400	
Terminal Devices							
Air Handler/Cool/Ht	60%		2026	\$137,800	1	\$8,100	
No Component	40%						
Heat Rejection							
Water Cooling Tower	60%		2024	\$46,600	2	\$13,200	
No Component	40%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,200	
Exhaust Fans							
Interior	60%		2026	\$43,700	2	\$400	
Roof	40% Now	\$300	2026	\$13,600	2	\$200	
	Noisy/Vibrating, Ext Location : Roof	ent : Light, Area Af	fected : 2	20%			
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Electric	100%	2021	\$18,000	4	\$100	
	Other Observation, Extent: Light, Area	a Affected	: 100%			
	Location : 1st Floor					
	Explanation: 2 - 120 Gallon Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	95%					
Generic	5%	2046	* *	1-2	\$300	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : BATTALION 45 OLD EMS STATION 46

Address : 58-65 52ND ROAD @ E.106 ST

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 27,000 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2014 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 2351 Lot : 23 BIN : 4054172

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$468,500	\$396,800
Interior Architecture	\$148,400	\$29,700
Electrical	\$101,800	\$50,500
Mechanical		\$102,600
Total	\$718,700	\$579,500
Importance Code A	\$468,500	\$424,800
Importance Code B	\$250,200	\$154,700
Total	\$718,700	\$579,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$4,000	\$10,300	\$2,300	
Interior Architecture	\$33,900	\$2,400	\$1,200	\$400
Electrical	\$4,100	\$13,700	\$2,900	\$1,900
Mechanical	\$19,300	\$21,500	\$3,900	\$1,600
Total	\$61,300	\$47,900	\$10,200	\$3,900
Importance Code A	\$9,700	\$11,400	\$3,400	\$1,000
Importance Code B	\$50,500	\$36,500	\$6,900	\$2,900
Importance Code C	\$1,100			
Total	\$61,300	\$47,900	\$10,200	\$3,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4438

Architecture		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	100/	3.7	# 10 100		de de	_	Ф2.200	
Concrete Masonry Unit	Cracking/ Location Diagonal Location Vertical C Location	e: East And Cracks, Ext e: East Fac Tracks, Exte e: East Fac	\$42,400 Extent: Moderate ! West Facades tent: Moderate, Ar ade, West Facade nt: Moderate, Are ade	ea Affec a Affecte	ted : 10%	5	\$3,200	
Masonry: Brick	10%			LIFE	* *	5	\$5,200	
Metal Panel	5%			2045	* *	5-10	\$17,700	
Metal Coiling Doors	10%	3.7	# 2 00 7 00	2038	* *	5	\$16,100	
Stucco Cement	Location Cracking/	issing Elem : At North Crumbling,	\$290,700 ents, Extent : Mod east Corner Extent : Severe, A North And West F	rea Affeo	rea Affected : 10%	5	\$41,900	
Windows								
Aluminum	75%			2041	* *	5	\$4,500	
Steel	Location Broken/M Location Corrosion	ation, Exten : Garage issing Elem : Garage	\$78,700 at: Severe, Area A <u>f</u> ents, Extent: Seve extent: Severe, Area	re, Area	Affected : 50%	5	\$9,400	
Parapets								
Cast Stone/Terra Cotta	Jnt Morta Location Caulking	: Coipng	\$4,000 l, Extent : Moderai d, Extent : Modera			5	\$2,400	
Concrete Masonry Unit	30%			LIFE	* *	5	\$2,100	
Metal Panel	5%			2045	* *	5	\$1,200	
Stucco Cement	60%			2030	* *	5	\$9,700	
Roof Modified Bitumen	Gut/DS No Location Ponding, L Location Water Pen	: West Fac Extent : Mo : Flat Roo netration, E	derate, Area Affec f xtent : Moderate, A	ted : 75%	6			
Modified Bitumen	40% Water Per	Now netration, E	f Over Office \$14,200 xtent : Moderate, A ergency Response		\$142,000 ected: 10%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4438

rchitecture	Current Repair		Future Replacement		М				
ystem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior									
Floors									
Cast in Place Concrete	45% Now	\$148,400	LIFE	**	5	\$31,300			
	Cracking/Crumbling, I		rea Affec	eted : 50%					
	Location: Emergency Response Area								
	Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
	Location: Emergency Response Area Location: Emergency Response Area And Afford L. 5007								
	Uneven Surface, Extent : Severe, Area Affected : 50% Location : Emergency Response Area								
		y Response Area							
Ceramic Tile	3%		2034	* *	5	\$1,000			
Panel/Paver: Cer/Brk	5%		2033	* *	5	\$3,600			
Raised Access Floor	5%		2034	* *	5	\$6,000			
Steel Plate	1% Now	\$28,900	LIFE	* *	1				
	_	Broken/Missing Elements, Extent: Severe, Area Affected: 25% Location: Emergency Response Area							
		-							
	Deformed/Dented, Exte		rea Affec	cted : 25%					
	Location : Emergency Response Area								
	Uneven Surface, Extent: Moderate, Area Affected: 50%								
	Location : Emergenc	y Response Area							
Vinyl Tile	11%		2025	\$29,700	3	\$1,700			
Vinyl Tile	30%		2030	* *	3	\$3,600			
Interior Walls									
Ceramic Tile	5%		2034	* *	5	\$2,200			
Concrete Masonry Unit	70%		LIFE	* *	5	\$12,600			
Gypsum Board	25%		LIFE	* *	5	\$6,700			
Ceilings									
AcousTileConcealSpLn			2038	* *	5	\$7,900			
AcousTileSusp.Lay-In	15%		2030	* *	5	\$4,800			
	Water Penetration, Ext	tent : Moderate, A	Area Affe	cted : 10%					
	Location : Office								
Exposed Struc: Steel	65%		LIFE	* *					
	Water Penetration, Ex	tent : Moderate, A	Area Affe	cted : 10%					
	Location : Emergenc	y Response Area							

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2025	\$4,800	5	\$100	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location: 1st Floor					
	Explanation : No Available Namepla	te Ratings				
Switchgear / Switchboard						
Fused Disc Sw	80%	2025	\$39,000	5	\$100	
Fused Disc Sw	20%	2045	* *	5		

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Asset #: 4438

Electrical		Current Repair		Future Replacement		Maintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	80%		2025	\$25,000	1		
Conduit	20%		2045	* *	1		
Panelboards	100/		2022	* *	_	0100	
Fused Disc Sw	10%		2033		5	\$100	
Molded Case Bkrs Molded Case Bkrs	60% 20%		2024 2041	\$23,100	5	\$400	
Molded Case Bkrs	10%		2041	* *	5 5	\$100 \$100	
Wiring	1070		2033		3	\$100	
Thermoplastic	80%		2025	\$22,200	1		
Thermoplastic	20%		2045	**	1		
Ground	2070		2043				
Grounding Devices Not Accessible	100%						
Stand-by Power	10070						
Transfer Switches							
Automatic	100%		2038	* *	1	\$8,300	
Generators						·	
Diesel	50%		2034	* *	1	\$5,200	
	Other Obser	rvation, Extent : Moderate,	Area Affe	ected : 100%			
	Location:						
	Explanatio	on : Generator Rated @ 81	Kva				
Not Accessible	50%						
Batteries							
Lead/Acid	100%		2019	\$1,500	5	\$1,000	
Fuel Storage							
Day Tank	50%		2041	* *	5	\$2,000	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Outside						
		on : No Available Nameplat	e Rating	Capacity			
Not Accessible	50%						
Lighting							
Interior Lighting	2001		2025	044 -0-	10	42 225	
Fluorescent	20%	months Entered M. I.	2025	\$11,500	10	\$3,900	
		rvation, Extent : Moderate,	Area Affe	ected : 100%			
		Throughout The Building					
		on: T-12 Lamps	• • • • •	di di	1.0		
Fluorescent	60%		2030	**	10	\$11,700	
		rvation, Extent : Moderate,	Area Affe	ected : 100%			
		Throughout The Building					
IIID		on : T-8 Lamps	2025	0.1.2 00	10	0100	
HID	20%		2025	\$4,200	10	\$100	
Egress Lighting	500/		2020	* *			
Emergency, Service	50%		2030	* *	1		
Exit, Service	50%		2030	1º W	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4438

Electrical	Current Repair	Futur	e Replacement	M				
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting								
Exterior Lighting								
HID	100%	2020	\$101,800	10	\$100			
Alarm								
Security System								
No Component	70%							
Generic	30%	2025	\$24,500	1	\$3,000			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Outside And Inside							
	Explanation: CCTV Surveillance	e Cameras						
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	2025	\$27,900	1-3	\$1,700			
, .	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Hallways							
	Explanation: Smoke Detectors							

Mechanical	Current	Repair	Futur	e Replacement	M			
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Electricity	5%		2035	* *	1			
Natural Gas	95%		2035	* *	1			
Conversion Equipment								
Furnace	10% Now	\$4,700	2035	* *	1	\$900		
	Other Observation, Extent: Light, Area Affected: 95%							
	Location: 1 Obso	lete Package Unit O	n The Ro	oof				
	Explanation: Tota	ıl - 7 Units						
Furnace	60%		2025	\$28,000	1	\$6,300		
	Other Observation, Location : Roof	Extent : Light, Area		•		. ,		
	Explanation: 3 Pa	ickage Units						
Furnace	25%		2033	* *	1	\$2,600		
	Other Observation,	Extent : Light, Area		: 25%		, , ,		
	Location : Roof	O ·	55					
	Explanation: 1 Pa	ickage Unit						
Radiant Heater	5%	_	2025	\$17,600	2	\$500		
Air Conditioning								
Energy Source								
Electricity	100%		2033	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4438

Mechanical	Current	Futu	re Replacement	M							
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%		2025	\$74,500	2	\$400					
	R-22 Refrigerant, Extent : Light, Area Affected : 30% Location : Roof										
		Other Observation, Extent : Light, Area Affected : 30% Location : Roof									
	Explanation: 3 Un	its									
Ext Pkg Unit - Heating/Cooling	20%		2033	* *	2	\$300					
	Other Observation, Extent : Light, Area Affected : 20% Location : Roof Explanation : 1 Unit Using Refrigerant R-410a										
E DI III						#100					
Ext Pkg Unit - Heating/Cooling	5% Now	\$12,400	2035	* *	2	\$100					
		Obsolete Equipment, Extent : Severe, Area Affected : 10%									
	Location: Roof			700/							
	R-22 Refrigerant, Ex	tent : Light, Area A	Affected :	10%							
	Location: Roof										
Window/Wall Unit	5%		2020	\$2,100	1						
No Component	40%										
Ventilation											
Distribution	1000/			di di							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,800					
Exhaust Fans	200/		2025	#20 (00	2	# < 0.0					
Roof	90%		2025	\$29,600	2	\$600					
Wall Unit	10%		2020	\$700	2	\$100					
Plumbing											
H/C Water Piping	100%		2035	* *	1						
Brass/Copper Water Heater	100%		2033		1						
	100%		2020	\$12,100	2	\$300					
Gas Fired	100%		2020	\$12,100	2	\$300					
Sanitary Piping Cast Iron	100%		LIFE	* *	1						
Storm Drain Piping	10070		LIFE		1						
Cast Iron	100%		LIFE	* *	1						
Backflow Preventer	10070		LII L								
Generic	100%		2020	\$5,000	1	\$1,300					
Fixtures	10070		2020	ψ2,000	1	Ψ1,500					
Generic	100%										
Fire Suppression											
Sprinkler											
Generic	100%		2035	* *	1-2	\$5,900					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : BATTALION ENG. CO. 45/LAD CO. 58

Address : 925 EAST TREMONT AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 15,225 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3126 Lot : 12 BIN : 2013192

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$136,700
Interior Architecture	\$234,500	
Electrical		\$101,500
Mechanical		\$50,600
Total	\$234,500	\$288,800
Importance Code A		\$136,700
Importance Code B	\$234,500	\$152,100
Total	\$234,500	\$288,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$41,000		\$2,700	\$1,500
Interior Architecture	\$40,100	\$1,100	\$1,100	
Electrical	\$5,800	\$1,200	\$18,700	\$1,100
Mechanical	\$1,800	\$1,800	\$26,900	\$2,100
Total	\$88,800	\$4,100	\$49,500	\$4,700
Importance Code A	\$42,200	\$1,100	\$4,000	\$2,600
Importance Code B	\$14,400	\$2,900	\$45,400	\$2,100
Importance Code C	\$32,200			
Total	\$88,800	\$4,100	\$49,500	\$4,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13033

Architecture	Current Repa	air	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior									
Exterior Walls									
Alum/Vinyl Siding	20% Now	\$4,600	2046	**					
	Broken/Missing Elements Location: Vinyl Vent Se			fectea : 2%					
Masonry: Brick	55% Now	\$28,700	LIFE	* *	5	\$19,100			
	Spalling, Extent : Light, Area Affected : 10% Location : Rear Facade								
	Vertical Cracks, Extent: Light, Area Affected: 5%								
	Location : Rear Facade								
Masonry: Brick	13%		LIFE	* *	5	\$4,500			
Masonry: Granite	2%		LIFE	* *	5	\$500			
Metal Sect. OHD	5%		2031	* *	5	\$5,400			
Stucco Cement	5% Now	\$5,000	2031	* *	5	\$2,200			
	Cracking/Crumbling, Ext		, Area Afj	fected : 15%					
	Location: East Roof Wall								
	Paint Peeling, Extent : M Location : East Roof Wo		Affected :	15%					
Windows	Location : Last Roof We								
Aluminum	100%		2042	* *	5	\$3,000			
Parapets						42,000			
Masonry: Brick	85%		LIFE	* *	5	\$3,600			
,	Efflorescence, Extent: Light, Area Affected: 15%								
	Location: Main Roofs								
Masonry: Granite	5%		LIFE	* *	5	\$300			
Masonry: Limestone	10%		LIFE	* *	5	\$500			
Roof									
Modified Bitumen	100% Now	\$2,700	2026	\$136,700					
	Alligatoring, Extent: Mod		fected : 7	70%					
	Location: Roof Lap Seams.								
	Blisters, Extent: Light, Area Affected: 5%								
	Location : Engine Side.								
	Debris Present, Extent: Moderate, Area Affected: 15%								
	Location: Lower Roof A								
	Other Observation, Exten		Area Affe	cted : 30%					
	Location: 2nd Floor Hatch.								
· . ·	Explanation: Internal I	uxed Hatch La	ader Pull	ing From Masonr	y				
Interior									

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13033

Architecture		Current F	Repair	Futur	Future Replacement		Maintenance		
ystem Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Floors	400/	NT.	¢47.200	LIEE	* *	-	¢10,000		
Cast in Place Concrete	40%		\$47,300 extent : Light, Area	LIFE		5	\$19,900		
			lding Apparatus F		. 570				
			xtent : Moderate, 1		cted : 25%				
			t 1932 Section	55					
		Other Observation, Extent: Severe, Area Affected: 100% Location: 1932 Section							
	Explanation Replaceme		ratus Floor Slab Is 32 Side	Old And	l Does Not Carry	Current L	.oads - Needs		
Ceramic Tile	10%			2035	* *	5	\$2,300		
Quarry Tile		Now	\$700	2031	* *	5	\$900		
		_	ents, Extent : Ligh	t, Area Ą	ffected : 2%				
	Location :	Kitchen							
Terrazzo	5%			LIFE	**	5	\$900		
Vinyl Tile	40%	. 1 E	. M. J A	2021	\$77,400	3	\$3,400		
	Location :		: Moderate, Area	Affectea .	: 30%				
Interior Walls	Locuiton .	Through	oui						
Ceramic Tile	5%			2029	* *	5	\$1,600		
Concrete Masonry Unit	50%	Now	\$6,900	LIFE	* *	5	\$6,300		
			nt : Light, Area A <u>f</u> Iide Stair Shaft	fected : 5	70%				
Marble Panels	5%			LIFE	* *				
Plaster	25%	Now	\$6,300	LIFE	* *	5	\$2,400		
			: Moderate, Area		: 2%				
			lder Shaft At Secor		50/				
			xtent : Light, Area us Floor Both Hou		: 5%				
CCFT/C1 - 1M					* *				
SGFT/Glazed Masonry	15%		\$18,200 tent : Severe, Area	LIFE					
			racking Througho			Floor.			
Ceilings	2000	Spice: c	ruening 1 in engine	21181110	State Tipper and I				
AcousTileSusp.Lay-In	5%			2039	* *	5	\$1,100		
Exposed Concrete	50%	Now	\$109,800	LIFE	* *	5	\$1,800		
-	Corrosion/F	Rusting, E	xtent : Severe, Are	a Affecte	d : 30%				
			ide Basement Stee		ng.				
	-		ere, Area Affected	: 10%					
	Location :								
			xtent : Severe, Are ide Basement.	a Affecte	d : 30%				
Plaster	45%		\$6,700	LIFE	* *	5	\$6,400		
		_	ents, Extent : Mod		ea Affected : 5%				
			us Floor Both Hou		1 501				
	_	_	Extent : Light, Ard						
	Locuiton :	Engine S	lide Of 1st Floor, 2	ни г юог	LOCKET KOOMI				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13033

Electrical	Currer	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment					_	*	
Molded Case Bkrs	100%	E	2026	\$4,800	5	\$400	
	Location : Basen	, Extent : Light, Area	Ађестеа	: 100%			
		O Amperes Service					
Switchgear / Switchboard	Емрининон . 300	7 Imperes service					
Molded Case Bkrs	100%		2036	* *	5	\$400	
Raceway						•	
Conduit	100%		2036	* *	1		
Panelboards							
Molded Case Bkrs	50%		2025	\$19,200	5	\$200	
Molded Case Bkrs	50%		2034	* *	5	\$200	
Wiring	500 /		2026	#12 000			
Thermoplastic	50% 50%		2026 2036	\$13,800 * *	1 1		
Thermoplastic Ground	30%		2036		1		
Grounding Devices							
Generic Generic	100% 0-2	\$2,900	LIFE	* *	5	\$200	
		, Extent : Light, Area		: 100%		4-00	
	Location: Basen	ent					
	Explanation: Gr	ound Clamp And Wir	e Are Co	rroded.			
Stand-by Power							
Transfer Switches	1000/		2021	* *	1	¢4.700	
Automatic	100%		2031	7. 7.	1	\$4,700	
Generators Diesel	100%		2029	* *	1	\$5,900	
Diesei		, Extent : Light, Area		: 100%	1	\$5,700	
	Location : Basen	_	55				
	Explanation: 25	Kw					
Batteries							
Lead/Acid	100%		2019	\$1,500	5	\$600	
Fuel Storage							
Main Tank	100%	T	2041	**	5	\$400	
		, Extent : Light, Area	Affected	: 100%			
	Location: Basen Explanation: 27.						
Lighting	Ехрининон : 27.	Ganons					
Interior Lighting							
Fluorescent	95%		2026	\$39,200	10	\$13,300	
Incandescent	5%		2021	\$4,900	2		
Egress Lighting							
Emergency, Service	100%		2026	\$7,500	1		
Exterior Lighting			• 0 = =				
HID	75%		2026	\$43,100	10		
Incandescent	25%		2021	\$12,200	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13033

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Energy Source									
Natural Gas	100%			2046	* *	1			
Conversion Equipment									
Hot Water Boiler	50%			2039	* *	1	\$3,800		
Steam Boiler	50%			2039	* *	1	\$7,500		
Distribution (P)	500 /			20.42	* *	4	Φ.4.0.0		
Hot Wtr Piping/Pump	50%			2042	* *	4	\$400		
Central Plant Steam	50%			2046	* *	4	\$400		
Piping/Pmp									
Terminal Devices Convector/Radiator	100%			2031	* *	1	\$4,900		
Air Conditioning	10070			2031		1	\$4,900		
Energy Source									
Electricity	100%			2042	* *	1			
Conversion Equipment	100/0			2072					
Exterior Pkg Unit -	20%			2021	\$23,100	2	\$200		
Cooling	2070			2021	Ψ23,100	~	Ψ200		
2.2.2.26	R-22 Refri	gerant, Ex	tent : Light, Area A	ffected :	100%				
	Location	: Roof							
Split Unit	5%			2031	* *				
Window/Wall Unit	60%			2024	\$17,800	1			
No Component	15%				. ,				
Distribution									
Ductwork/Diffusers	20%			LIFE	* *	2	\$4,000		
No Component	80%								
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,500		
Exhaust Fans									
Interior	100%			2026	\$50,600	2	\$500		
Plumbing									
H/C Water Piping	10001			2025					
Brass/Copper	100%			2036	* *	1			
Water Heater	10007			2024	00 ≡00	2	4200		
Gas Fired	100%			2024	\$8,700	2	\$200		
		ervanon, E : Basemer	Extent : Light, Area	Ађестеа	: 100%				
			n 5 Gallon Units						
Canitagy Dining	Explanal	tion: 2 - 7.	Gallon Units						
Sanitary Piping Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	100/0			בווים		1			
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)	100/0			ынь		1			
Non-Submersible	100%			2031	* *	4	\$500		
1.01 2301101010		ervation. F	Extent : Light, Area		: 100%	•	Ψ200		
		: Basemer	_	55					
		tion : 2 Un							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 BATTALION ENG. CO. 45/LAD CO. 58

Asset #: 13033

Mechanical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Fixtures							

100%

Generic

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Address : 451-453 EAST 176TH ST.

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 12,000 Project Type : FIRE DEPARTMENT

Date of Survey : 04-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2909 Lot : 40 BIN : 2009541

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$68,300	\$49,700
Interior Architecture	\$254,400	
Total	\$322,700	\$49,700
Importance Code A	\$68,300	\$49,700
Importance Code B	\$254,400	
Total	\$322,700	\$49,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$53,800		\$2,000	\$12,100
Interior Architecture	\$60,800	\$6,800	\$1,100	
Electrical	\$800	\$900	\$2,600	\$12,300
Mechanical	\$2,300	\$3,800	\$2,500	\$1,400
Total	\$117,700	\$11,600	\$8,100	\$25,900
Importance Code A	\$54,400	\$600	\$2,600	\$12,800
Importance Code B	\$27,700	\$11,000	\$4,900	\$13,100
Importance Code C	\$35,600		\$600	
Total	\$117,700	\$11,600	\$8,100	\$25,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

Architecture	Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Cast Stone/Terra Cotta	5% 2-4 Jnt Mortar Miss/Eroc Location : Front Fa		LIFE e, Area Af	* * fected : 30%	5	\$12,700	
Masonry: Brick	70% Now Jnt Mortar Miss/Eroc Location: Front Fa		LIFE e, Area Af	* * fected : 20%	5	\$22,700	
Masonry: Brownstone	10% Now Broken/Missing Elem Location : At Overh Worn/Eroded, Extent Location : At Overh	ead Door Frames : Severe, Area Affa			5	\$2,400	
Wood Overhead Doors	15%		2032	* *	5	\$24,300	
Windows	1000/		• • • •		_		_
Aluminum Parapets	100%		2043	* *	5	\$1,700	
Cast Stone/Terra Cotta	20%		LIFE	* *	5	\$6,300	
Copper/Terne	20%		2071	* *	5	\$3,900	
Masonry: Brick	60%		LIFE	* *	5	\$2,400	
Roof Roll Roofing	Location : Through Seams Open/Split, Ex Location : Various	Blisters, Extent : Moderate, Area Affected : 25% Location : Throughout Seams Open/Split, Extent : Moderate, Area Affected : 25% Location : Various Locations Throughout Worn/Eroded, Extent : Moderate, Area Affected : 20%					
Skylight, Metal/Glass	5%		2047	* *	10	\$2,200	
Skylight, Plastic	5%		2040	* *	1		
Interior Floors							
Cast in Place Concrete	25% 2-4 Broken/Missing Elem Location : Apparatu Cracking/Crumbling, Location : Apparatu	is Room Extent : Moderate			5	\$9,800	
Ceramic Tile	5%		2036	* *	5	\$900	
Panel/Paver: Cer/Brk	15% 4+ Broken/Missing Elem Location: First Flo Cracking/Crumbling, Location: Various	or - Bronx Boro C Extent : Moderate	ommand , Area Affe		5	\$3,000	
Quarry Tile	10%		2040	* *	5	\$2,700	
~ ,							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

Architecture	Current Re	oair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$1,200	
Ceramic Tile	10% Now	\$6,800	2030	* *	5	\$1,200	
	Vertical Cracks, Extent			d : 15%			
	Location : Communica	ations - Aparatus					
Gypsum Board	75%		LIFE	* *	5	\$11,100	
	Recent Installation, Exte		Affected	: 100%			
	Location: Second And	l Third Floors					
Masonry: Brick	10% Now	\$28,800	LIFE	* *			
•	Diagonal Cracks, Exten	t : Moderate, Ar	ea Affect	ed : 5%			
	Location: Basement						
	Jnt Mortar Miss/Erod, I	Extent : Moderat	e, Area A	ffected : 10%			
	Location: Basement						
	Water Penetration, Exte	nt : Severe, Area	a Affected	d : 5%			
	Location : Sidewalk V	ault					
Ceilings							
AcousTileSusp.Lay-In	50%		2040	* *	5	\$9,000	
Embossed Metal	25%		LIFE	* *	5	\$2,000	
Exposed Struc: Steel	5% 0-2	\$188,800	LIFE	* *			
	Corrosion/Rusting, Exte	nt : Moderate, A	Area Affe	cted : 30%			
	Location: Basement						
	Other Observation, Exte	ent : Severe, Are	a Affecte	d: 100%			
	Location: Basement						
	Explanation: Beams S	Supported By Lo	lly Colun	ins			
Gypsum Board	10%		LIFE	* *	5	\$2,200	
Masonry:Vault Struct	10% Now	\$65,600	LIFE	* *			
	Cracking/Crumbling, E.	xtent : Severe, A	rea Affec	ted : 15%			
	Location: Basement						
	Loose Units, Extent: M	oderate, Area Aj	fected : 5	5%			
	Location: Basement						
	Water Penetration, Exte	nt : Severe, Ared	a Affected	d: 10%			
	Location : Sidewalk V	ault - Communic	cations Si	de Of Building			

lectrical	Current Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$4,800	5	\$100	
	Other Observation, Extent: Mode	erate, Area Affeci	ted : 100%			
	Location: Basement					
	Explanation : 2- Main Service I	Disconnect Switch	nes Rated @ 200 .	Amperes	Each.	
Switchgear / Switchboard						
Molded Case Bkrs	100%	2047	* *	5	\$300	
Raceway						
Conduit	100%	2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

Electrical	Current Repair	r Future Ro	eplacement	Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Panelboards						
Fused Disc Sw	5%	2043	* *	5		
Molded Case Bkrs	95%	2043	* *	5	\$300	
Wiring Thermoplastic	100%	2047	* *	1		
stand-by Power						
Transfer Switches						
Automatic	100%	2040	* *	1	\$3,700	
Generators						
Diesel	100%	2036	* *	1	\$4,700	
	Other Observation, Extent	: Moderate, Area Affected	d: 100%			
	Location : Basement					
	Explanation: Emegency	Generator Rated @ 80 Kv	га			
Batteries	1000/	• • • •	4 00	_		
Lead/Acid	100%	2021	\$1,500	5	\$400	
Fuel Storage	500 /	20.42	* *	_	#1 100	
Day Tank	50%	2043		5	\$1,100	
	Other Observation, Extent Location : Basement	: моаегате, Агеа Аffестес	1: 100%			
	Explanation : No Availab	de Namenlate Patina Can	acity			
Mail Toule			**	-	#200	
Main Tank	50%	2030		5	\$200	
	Other Observation, Extent Location : Basement	: моаегате, Агеа Аffестес	1: 100%			
	Explanation : No Availab	da Namanlata Patina Can	aaitu			
Lighting	Explanation . No Availab	не патерине канид Сар	аспу			
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$11,000	
T Idoloseom	T-8 Lamps And Fixtures, E		fected : 100%	10	Ψ11,000	
	Location : Throughout Th		,			
Egress Lighting	<u>`</u>					
Emergency, Service	40%	2032	* *	1		
Emergency, Battery	10%	2032	* *	10	\$300	
Exit, Service	50%	2032	* *	1		
Exterior Lighting						
LED	10%	2032	* *			
No Component	90%					

Mechanical	Current Re	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2053	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2044	* *	1	\$5,900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

Mechanical	Current Repair Future Replaceme		placement	ment Maintenance		
System	% of Fail Date Estimated	Cost Year Esti	imated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total (Years)	FY		(Yrs)		
leating						
Distribution						
Hot Wtr Piping/Pump	100%	2049	* *	4	\$600	
Terminal Devices					+ + + + + + + + + + + + + + + + + + + +	
Convector/Radiator	75%	2044	* *	1	\$2,900	
Unit Heater - Steam	25%	2032	* *	4	\$400	
Air Conditioning						
Energy Source						
Electricity	100%	2049	* *	1		
Conversion Equipment			de de			
Split Unit	50%	2035	**			
	Other Observation, Extent: Light,	Area Affected: 50%	%			
	Location: Roof Explanation: 16 Split Units Usi	ma P 410 A				
N. C.	Explanation: 16 Split Units Usin	ng K-410 A				
No Component Terminal Devices	50%					
Fan Coil - 2 Pipe	50%	2035	* *	1	\$1,900	
No Component	50%	2033		1	\$1,900	
Heat Rejection	3070					
Dry Cooler	50%	2035	* *	2	\$4,200	
No Component	50%			_	¥ 1,—11	
/entilation						
Exhaust Fans						
Wall Unit	30%	2032	* *	2	\$100	
No Component	70%					
lumbing						
H/C Water Piping	1000/	2052	* *	1		
Brass/Copper	100% No Water Meter Extent : Light A	2053		1		
	No Water Meter, Extent : Light, A Location : Basement	геи <i>А</i> ујестеи . 10076)			
Water Heater	Location . Basement					
Gas Fired	100%	2026	\$6,800	2	\$200	
Gus i neu	Other Observation, Extent: Light,			_	Ψ200	
	Location: Basement	33				
	Explanation: 1-75 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2025	4.5 00	_	# 400	
Non-Submersible	100%	2027	\$1,700	4	\$400	
	Other Observation, Extent : Light,	Area Affectea : 100	J%0			
	Location: Basement Explanation: 2 Units - One Serv	ves Fach Side				
Fixtures	Explanation . 2 Ontis - Offe Serv	es Euch side				
Generic	100%					
ire Suppression	100,0					

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 24

FIRE DEPARTMENT - 057

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression Chemical System				
Generic	100%	2020 \$1,900	1-3 \$3,700	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: Kitchen, 1st Floor			
	Explanation: 1 Set			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 25

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : COMMUNICATIONS CENTER - S.I.

Address : 65 SLOSSON AVENUE @ CLOVE LAKES PARK

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 11,550 Project Type : FIRE DEPARTMENT

Date of Survey : 09-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Sub Basement, Roof, Floors 1

Block : 319 Lot : 1 BIN : 5112428

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,300			\$13,000
Interior Architecture	\$4,600	\$12,300		\$2,100
Electrical	\$2,600	\$2,100	\$1,900	\$3,600
Mechanical	\$4,700	\$3,400	\$5,900	\$3,100
Total	\$13,200	\$17,800	\$7,800	\$21,800
Importance Code A	\$1,900	\$600	\$600	\$13,600
Importance Code B	\$11,300	\$16,600	\$7,300	\$8,200
Importance Code C		\$700		
Total	\$13,200	\$17,800	\$7,800	\$21,800



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1997

Architecture	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Cast in Place Concrete	3%	LIFE	* *	5	\$1,400	
Masonry: Brick	80%	LIFE	* *	5	\$7,600	
Metal Panel	5%	2047	* *	5-10	\$3,300	
Metal Panel	10%	2047	* *	5-10	\$6,600	
	Other Observation, Extent: Light, Area Location: Service Room And Sun She		! : 100%			
	Explanation : Ancillary Structure					
Window Wall	2%	2047	* *	5	\$700	
Windows						
Aluminum	95%	2049	* *	5	\$2,600	
	Other Observation, Extent : Light, Area	Affected	! : 100%			
	Location : Throughout					
	Explanation: Bullet Proof Glass					
Glass Block	5%	LIFE	* *	5	\$100	
Roof						
Modified Bitumen	90%	2032	* *	10	\$9,000	
Modified Bitumen	10%	2032	* *	10	\$1,000	
Interior						
Floors	250/	2020	0.52 100	2	Φ0.200	
Carpet	25%	2028	\$53,100 * *	3	\$8,300	
Cast in Place Concrete	25%	LIFE		5	\$9,100	
	Other Observation, Extent : Light, Area Location : Throughout	Ађестеа	: 100%			
	Explanation: Topped With Epoxy Cod	atina				
Ceramic Tile	5%	$\frac{1000}{2040}$	* *	5	\$800	
Raised Access Floor	30%	2040	* *	5	\$18,700	
Sheet Vinyl/Rubber	15%	2040	* *	5	\$3,700	
Interior Walls	1370	2033			\$3,700	
Ceramic Tile	10%	2040	* *	5	\$1,300	
Concrete Masonry Unit		LIFE	* *	5	\$2,100	
Gypsum Board	40%	LIFE	* *	5	\$3,100	
Plaster	10%	LIFE	* *	5	\$400	
Ceilings	1070	LILL			Ψτου	
AcousTileSusp.Lay-In	30%	2044	* *	5	\$5,000	
Exposed Concrete	45%	LIFE	* *	5	\$1,200	
Exposed Struc: Steel	10%	LIFE	* *	5	Ψ1,200	
Exposed Strue. Steel	Other Observation, Extent : Light, Area		! : 100%			
	Location: Throughout	-55 20104	, -			
	Explanation: Material Actually Conc.	rete Meta	al Deckino			
Gypsum Board	15%	LIFE	**	5	\$3,100	
Gypsuill Doald	13/0	LIII		3	φ3,100	

Electrical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1997

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Moderate, Location : Electrical Room Explanation : Main Service Disconne			5 peres.	\$100	
Switchgear / Switchboard	1000/		ale ale	_	4100	
Fused Disc Sw	100%	2053	* *	5	\$100	
Raceway Conduit	100%	2053	* *	1		
Panelboards	100%	2033		1		
Molded Case Bkrs	100%	2049	* *	5	\$300	
Wiring Thermoplastic	100%	2053	* *	1		
Motor Controllers	100/	• • • • •	d. d.	_		
Locally Mounted	10%	2044	* *	5		
Variable Frequency Drive	90%	2044				
Ground Grounding Devices	1000/				4000	
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power Transfer Switches Automatic	100%	2044	* *	1	\$3,600	
Generators						
Diesel	100% Other Observation, Extent: Moderate, Location: Generator Room Explanation: 2-638kva Emergency			1	\$4,500	
Batteries						
Lead/Acid	100%	2022	\$1,500	5	\$400	
Fuel Storage Day Tank	50% Other Observation, Extent : Moderate,	2049 Area Affe	* * cted : 100%	5	\$1,100	
	Location : Generator Room Explanation : 275 Gallons Rated Cap	nacity				
Underground Storage	50% Other Observation, Extent: Moderate, Location: Underground Explanation: No Available Namepla	LIFE Area Affe		5	\$400	
Lighting						
Interior Lighting	050/	2025	* *	10	¢10 100	
Fluorescent	95% T-8 Lamps And Fixtures, Extent: Mod Location: Throughout The Building	2035 erate, Ared		10	\$10,100	
Fluorescent	5% Compact Fluorescent Light, Extent : M. Location : Hallways	2035 Ioderate, A	* * Area Affected : 100	10	\$500	

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1997

Electrical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	45%		2035	* *	1		
Emergency, Battery	5%		2035	* *	10	\$100	
Exit, LED	50%		2062	* *	1		
Exterior Lighting							
Fluorescent	20%		2035	* *	10	\$200	
	Compact F	Fluorescent Light, Extent : M	Aoderate, .	Area Affected : 100	0%		
	Location	: Outside					
No Component	80%						
Alarm							
Security System							
Generic	100%		2032	* *	1	\$4,300	
	Other Obs	ervation, Extent : Moderate	, Area Aff	ected : 100%			
	Location	: Throughout The Building					
	Explanat	ion : CCTV Surveillance Sy	stem				
Fire/Smoke Detection							
Generic, Digital	100%		2032	* *	1-3	\$7,100	
	Other Obs	ervation, Extent : Moderate	, Area Aff	ected : 100%			
	Location	: Throughout The Building					
	Explanat	ion : Smoke Detectors, Alaı	m Bells, N	Aanual Pull Station	s, Horns	, Strobe Lights	

Mechanical	Current	Repair Fut	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2053	* *	5	\$3,600	
Conversion Equipment Hot Water Boiler	100%	2044	**	1	\$5,700	
	Other Observation, I	Extent : Light, Area Affecte	ed : 100%			
	Location: Basemer	nt Boiler Room				
	Explanation: 1 Un	it				
Distribution						
Hot Wtr Piping/Pump	100%	2049	* *	4	\$600	
Terminal Devices						
Air Handler	85%	2035	**	1	\$6,100	
Convector/Radiator	15%	2044	**	1	\$600	
Air Conditioning						
Energy Source						
Electricity	100%	2043	**	1		
Conversion Equipment						
Centrifugal, Elec Chille	r 80%	2030	* *	1	\$10,000	
2	R-22 Refrigerant, Ex	tent : Light, Area Affected	: 80%			
	Location: Chiller,	Back Yard				
No Component	20%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1997

Mechanical	Current Repair		Futur	Future Replacement		aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning								
Distribution								
CW & CHW Wtr	80%		2037	* *	4	\$500		
Pipe/Pump								
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	60%		2035	* *	1	\$4,300		
Fan Coil - 2 Pipe	20%		2035	* *	1	\$800		
No Component	20%							
Heat Rejection								
Air Cooled Condenser	80%		2027	\$13,900	2	\$6,400		
Unit	200/							
No Component	20%							
Ventilation								
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	\$6.400		
	100%		LIFE		2-5	\$6,400		
Exhaust Fans Roof	100%		2035	* *	2	\$400		
Plumbing	10070		2033			\$400		
H/C Water Piping								
Brass/Copper	100%		2047	* *	1			
Water Heater	10070		2047		1			
Electric	100%		2025	\$9,500	4	\$100		
Sanitary Piping	10070		2020	Ψ,500	•	Ψ100		
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping	10070							
Cast Iron	100%		LIFE	* *	1			
Sewage Ejector(s)								
Electric	100%		2035	* *	4	\$700		
Backflow Preventer						* * * * * * * * * * * * * * * * * * * *		
Generic	100%		2032	* *	1	\$700		
Fixtures						·		
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%		2053	* *	1-2	\$500		
Chemical System								
Generic	100%		2026	\$1,900	1-3	\$3,700		
		ervation, Extent : Light, Area						
		: 1 Wet Set In Kitchen, 2 Dry	Sets (Fr	n-200) In Commun	ication R	Room		
	Explana	tion: 3 Sets						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : COMMUNICATIONS CENTER-BRONX

Address : 1129 EAST 180TH STREET @ BRONX PARK

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 10,860 Project Type : FIRE DEPARTMENT

Date of Survey : 04-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,ATT

Block : 4333 Lot : 1 BIN : 2101003

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$48,400	
Interior Architecture		\$654,200
Total	\$48,400	\$654,200
Importance Code A	\$48,400	
Importance Code C		\$654,200
Total	\$48,400	\$654.200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$51,200			\$3,500
Interior Architecture		\$4,000	\$5,200	\$300
Electrical	\$1,800	\$2,200	\$3,500	\$11,800
Mechanical	\$4,100	\$4,600	\$4,100	\$6,600
Total	\$57,000	\$10,800	\$12,800	\$22,100
Importance Code A	\$51,700	\$500	\$500	\$4,000
Importance Code B	\$5,300	\$10,300	\$12,100	\$18,100
Importance Code C			\$200	
Total	\$57,000	\$10,800	\$12,800	\$22,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1996

Architecture	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Cast Stone/Terra Cotta	_	\$28,800 g, Extent : Moderate w Sill And Door Ope		* * cted : 15%	5	\$13,800	
Masonry: Brick	82% 4+	\$12,500 g, Extent : Moderate	LIFE	* * ccted : 10%	5	\$20,800	
Masonry: Limestone	Location: Balustr	g, Extent : Moderate			5	\$1,000	
Metal: Cage/Fence	Location : Throug	Extent : Light, Area thout corative Grilles At W			5	\$1,100	
Stucco Cement	2%		2032	* *	5	\$1,300	
Window Wall	3%		2053	* *	5	\$2,800	
Windows							
Aluminum	97%		2049	* *	5	\$3,300	
Metal Louvers	3%		2036	* *	10	\$600	
Roof Clay Tile		\$48,400 Extent : Moderate, A	2047 Area Affect	** ed : 100%			
	Location : Throug Explanation : Ice						
Copper/Terne	7%		2062	* *	10	\$2,800	
Panel/Paver: Cer/Brk	3%		2037	* *	10	\$600	
	Other Observation, Location : Entry I			100%		·	
nterior	Explanation: wal	lking Surface Over V	ашт				
Floors							
Carpet	27%		2026	\$58,300	3	\$6,900	
Cast in Place Concrete	25%		LIFE	**	5	\$9,300	
Ceramic Tile	3%		2036	* *	5	\$500	
Quarry Tile	2%		2032	* *	5	\$500	
Raised Access Floor	15%		2036	* *	5	\$9,500	
Terrazzo	5%		LIFE	* *	5	\$700	
Vinyl Tile	23%		2032	* *	3	\$1,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1996

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2036	* *	5	\$400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Fabric on Framing	45%			2028	\$654,200	5	\$3,200	
Gypsum Board	15%			LIFE	* *	5	\$1,300	
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	\$900	
Wood	2%			LIFE	* *	5	\$1,100	
Ceilings								,
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,500	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	15%			LIFE	* *	5	\$3,200	
Plaster	50%			LIFE	* *	5	\$5,300	

Electrical	Current Re	pair Fut	ure Replacement	M	Maintenance			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2047		5				
	Other Observation, Ext	ent : Moderate, Area A <u>j</u>	fected : 100%					
	Location : Electrical I	Room						
	Explanation: Main S	ervice Disconnect Switc	h Rated @ 2000 Am	iperes				
Transformers								
Dry Type	100%	2040	* *	5				
	Other Observation, Ext	ent : Moderate, Area Aj	fected : 100%					
	Location: Basement	Location : Basement						
	Explanation: 225kva,	, 480/208/120 Volts						
Switchgear / Switchboard								
Fused Disc Sw	100%	2047	**	5				
Raceway								
Conduit	100%	2047	* *	1				
Panelboards								
Molded Case Bkrs	100%	2043	* *	5	\$300			
Wiring								
Thermoplastic	100%	2047	**	1				
Motor Controllers								
Locally Mounted	100%	2040	* *	5	\$100			
Ground								
Grounding Devices								
Generic	100%	LIFE	**	5	\$200			
Stand-by Power								
Transfer Switches								
Automatic	100%	2040	* *	1	\$3,300			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1996

Electrical		Current Repair Future Replacement				Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Stand-by Power								
Generators								
Diesel	50%		2036	* *	1	\$2,100		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%				
		: Outside						
		tion : 2 Emergency Generator	· Rated @					
Diesel	50%		2036	* *	1	\$2,100		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%				
		: Generator Room						
	Explana	tion : 2 Emergency Generator	· Rated (@ 638kva Each				
Batteries								
Lead/Acid	100%		2021	\$1,500	5	\$400		
Fuel Storage								
Day Tank	50%		2043	* *	5	\$1,000		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%				
		: Generator Room						
		tion : 247 Gallons Rated Cap	acity					
Underground Storage	50%		LIFE	* *	5	\$300		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%				
	Location	: Underground						
	Explana	tion : 5000 Gallons Rated Cap	pacity					
Lighting								
Interior Lighting								
Fluorescent	90%		2032	* *	10	\$9,000		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%				
		: Throughout The Building						
		tion: T-8 Lamps						
Fluorescent	8%		2032	* *	10	\$800		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%				
	Location	: Corridors						
	Explana	tion : Compact Fluorescent L	amps					
Incandescent	2%		2032	* *	2			
Egress Lighting								
Emergency, Service	50%		2032	* *	1			
Emergency, Battery	10%		2032	* *	10	\$300		
Exit, Service	40%		2032	* *	1			
Exterior Lighting								
HID	20%		2032	* *	10			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%		2055	* *	5	\$300		
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 100%				
	Location	: Tower And Roof						
	F 1	tion : Steel Lightning Rods						

Alarm

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1996

Electrical	Current Repair	Current Repair Future Replacement				
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm						
Security System						
Generic	100%	2032	* *	1	\$4,100	
	Other Observation, Extent: Mod	lerate, Area Affected : 1	00%			
	Location: Inside And Outside	The Building				
	Explanation : CCTV Surveillar	nce System And Intrusion	n Alarm Sy	stem		
Fire/Smoke Detection						
Generic, Digital	100%	2032	* *	1-3	\$6,700	
, 2	Other Observation, Extent: Mod	lerate, Area Affected : 1	00%			
	Location : Throughout The But	ilding				
	Explanation : Strobe Lights, M	anual Pull Stations, Sm	oke Detecto	ors, Aları	n Bells And Horns	

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2047	* *	5	\$3,400	
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$5,400	
		vation, Extent : Light, Area	Affected	: 100%			
	Location:	Basement Boiler Room					
	Explanatio	n: 2 Units					
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$800	
Terminal Devices							
Air Handler	60%		2032	* *	1	\$4,000	
Convector/Radiator	40%		2040	* *	1	\$1,400	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Centrifugal, Elec Chiller	90%		2036	* *	1	\$10,600	
	R-22 Refrige	rant, Extent : Light, Area A	ffected :	90%			
	Location:	Outside In The Yard					
No Component	10%						
Distribution							
CW & CHW Wtr	90%		2047	* *	4	\$700	
Pipe/Pump						4,	
No Component	10%						
Terminal Devices	-						
Air Handler/Cool/Ht	70%		2032	* *	1	\$4,700	
Fan Coil - 2 Pipe	20%		2032	* *	1	\$700	
No Component	10%				-	4.50	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1996

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Heat Rejection	2007		• • • •			4.000	
Air Cooled Condenser	90%		2032	* *	2	\$6,800	
Unit No Component	10%						
Ventilation	1070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,100	
Exhaust Fans						40,000	
Interior	100%		2032	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2047	* *	1		
Water Heater							
Oil Fired	100%		2025	\$8,400	1	\$300	
		ation, Extent : Light, Area	Affected	: 100%			
	Location : B						
G. I. Di i	Explanation	: 2 Units					
Sanitary Piping	1000/		LIEE	* *	1		
Cast Iron	100%		LIFE	* *	1		
Fixtures	1000/						
Generic	100%						
Fire Suppression Sprinkler							
No Component	30%						
Generic	70%		2047	* *	1-2	\$2,100	
Chemical System	7070		2017			Ψ2,100	
Generic	100%		2025	\$1,900	1-3	\$4,000	
	Other Observation, Extent: Light, Area Affected: 100%						
	Location: 1 Wet Set In Kitchen, 1 Dry Set (Fm-200) In Communication Room						
	Explanation	•	•	*			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : COMMUNICATIONS CENTER-BROOKLYN
Address : 35 EMPIRE BLVD @ WASHINGTON AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 10,826 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Apr-2016 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1

Block : 1183 Lot : 51 BIN : 3029669

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$54,000	
Total	\$54,000	
Importance Code A	\$54,000	
Total	\$54,000	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,800			
Interior Architecture	\$6,100	\$4,500	\$400	\$3,800
Electrical	\$2,200	\$1,800	\$1,600	\$3,500
Mechanical	\$5,000	\$3,800	\$6,700	\$4,900
Total	\$26,300	\$10,100	\$8,700	\$12,300
Importance Code A	\$13,400	\$500	\$500	\$500
Importance Code B	\$12,900	\$9,600	\$8,200	\$11,700
Importance Code C				
Total	\$26,300	\$10,100	\$8,700	\$12,300



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1994

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	100/	Ø54.000	LIEE	* *	-	#22.7 00	
Cast Stone/Terra Cotta	12% 4+ Staining/Discoloring Location : Cornice.				5	\$23,700	
Masonry: Brick	80% Jnt Mortar Miss/Ero Location: Rear Fa Patching Evident, Ex Location: All Faca	cade tent : Light, Area A			5	\$20,300	
Masonry: Limestone	8% Staining/Discoloring Location: Sills And		LIFE e, Area Afj	* * fected : 15%	5	\$1,500	
Windows							
Aluminum	75% Other Observation, E Location : Through Explanation : Bulle	out			5 Iles	\$2,500	
Aluminum	25% Now Misaligned/Bulging, Location: Basemer Unit Inoperable, Exte	nt Windows ent : Moderate, Are			5	\$400	
Roof							
Clay Tile	95%		2047	* *	10	\$15,400	
Panel/Paver: Cer/Brk	5% Jnt Mortar Miss/Eroc Location : Entry Po		2037 te, Area Ą	* * ffected : 15%	10	\$1,100	
Interior							
Floors	450/		2029	¢107.200	2	Ø15 200	
Carpet Cast in Place Concrete	45% 25%		2028 LIFE	\$106,200 * *	3 5	\$15,300 \$9,300	
Ceramic Tile	5%		2036	* *	5	\$9,300	
Quarry Tile	5%		2044	* *	5	\$1,300	
Raised Access Floor	10%		2040	* *	5	\$6,400	
Sheet Vinyl/Rubber	10%		2035	* *	5	\$2,500	
Interior Walls	1070		2033			Ψ2,200	
Gypsum Board Masonry: Brick	85% 15%		LIFE LIFE	* *	5	\$7,300	
Ceilings							
AcousTileSusp.Lay-In	20%		2044	* *	5	\$3,400	
Exposed Concrete	40%		LIFE	* *	5	\$1,100	
Plaster	40%		LIFE	* *	5	\$4,200	

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1994

Electrical	Current Re	epair F	uture Replacement	M	laintenance	
System Component Type	% of Fail Date 1 Total (Years)		ear Estimated Cost Y	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Air Circuit Breaker	100% Other Observation, Ex. Location : Electrical			' 5	\$100	
		oltage Power Circuit I	Breaker Rated @ 160	0 Ampere.	s.	
Switchgear / Switchboard Molded Case Bkrs	100%	20			\$300	
Raceway Conduit	100%	20	53 **	· 1		
Panelboards Fused Disc Sw Molded Case Bkrs	5% 95%	20 20		5	\$300	
Wiring Thermoplastic	100%	20			φ500	
Motor Controllers Variable Frequency Drive	100%	20	44 **	:		
Ground Grounding Devices Generic	100%	LI	FE **	· 5	\$200	
Stand-by Power Transfer Switches Automatic	100%	20	44 **	· 1	\$3,300	
Generators Diesel	100% Other Observation, Ex. Location: Outside		Affected : 100%	· 1	\$4,200	
Batteries	Explanation : 2- Dies	sel Generators Rated (@ 450 Kw Eacn.			
Lead/Acid Fuel Storage	100%	20	22 \$1,600	5	\$400	
Day Tank	50% Other Observation, Ex. Location : Outside	20 tent : Moderate, Area		5	\$1,000	
16 ' T. I	Explanation: 2 Day	Tanks Rated Capacity			Φ200	
Main Tank	50% Other Observation, Ex. Location: Undergrot Explanation: Main 1		Affected : 100%	5	\$200	
Lighting Interior Lighting	-			•		
LED Earnes Lighting	100%	20	33 * * *	-		
Egress Lighting Emergency, Service Emergency, Battery	45% 5%	20 20	35 **	1	\$100	
Exit, LED	50%	20	62 **	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1994

Electrical	Cal Current Repair		cement	M				
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estima FY	ited Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting								
Exterior Lighting								
LED	20%	2035	* *					
No Component	80%							
Alarm								
Security System								
No Component	40%							
Generic	60%	2035	* *	1	\$2,400			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Hallways And Outside	2						
	Explanation: CCTV Surveillance	e Camera System						
Fire/Smoke Detection								
Generic, Digital	100%	2035	* *	1-3	\$6,700			
_	Other Observation, Extent: Model	rate, Area Affected : 10	00%					
	Location : Throughout The Build	ling						
	Explanation : Strobe Lights, Mar	nual Pull Stations, Ala	rm Bells, S	moke De	tectors And Horns			

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Fuel Oil No 2	100%		2057	* *	5	\$3,400		
Conversion Equipment								
Hot Water Boiler	100%		2047	* *	1	\$5,400		
		place Evident, Extent : Light,	Area Aff	ected : 100%				
	Location	: Basement Boiler Room						
Distribution								
Hot Wtr Piping/Pump	100%		2052	* *	4	\$800		
Terminal Devices								
Air Handler	40%		2037	* *	1	\$2,700		
Convector/Radiator	60%		2047	* *	1	\$2,100		
Air Conditioning								
Energy Source								
Electricity	100%		2049	* *	1			
Conversion Equipment								
Centrifugal, Elec Chiller			2042	* *	1	\$11,700		
		ervation, Extent : Light, Area	Affected	: 100%				
		: Backyard						
	Explana	tion : 1 Unit. R-410a						
Distribution								
CW & CHW Wtr	100%		2057	* *	4	\$500		
Pipe/Pump								
Terminal Devices						* * * * * *		
Air Handler/Cool/Ht	60%		2037	* *	1	\$4,000		
Fan Coil - 2 Pipe	40%		2037	* *	1	\$1,400		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1994

Mechanical	Current Repair Future Rep		e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Heat Rejection							
Evaporative Condenser	100%		2037	* *	2	\$7,500	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,000	
Exhaust Fans							
Interior	100%		2037	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2057	* *	1		
HW Heat Exchanger							
Steam Fired	100%		2057	* *	4	\$1,100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2037	* *	1	\$700	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%		2057	* *	1-2	\$3,000	
Chemical System							
Dry	100%		2026	\$2,000	1-3	\$3,600	
•		n, Extent : Light, Area Affecte : 2 Sets (Fm-200) In Commu					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : COMMUNICATIONS CENTER-MANHATTAN

Address : 79TH STREET TRANSVERSE ROAD CENTRAL PARK

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 6,381 Project Type : FIRE DEPARTMENT

Date of Survey : 11-May-2016 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1

Block : 1111 Lot : 1 BIN : 1083814

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$254,600	
Electrical	\$11,900	\$53,100
Total	\$266,500	\$53,100
Importance Code A	\$254,600	
Importance Code B	\$11,900	\$53,100
Total	\$266,500	\$53,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$30,100	\$1,700		
Interior Architecture	\$3,800	\$600		
Electrical	\$11,400	\$1,300	\$2,900	\$7,000
Mechanical	\$1,300	\$1,700	\$1,500	\$11,200
Total	\$46,700	\$5,300	\$4,300	\$18,300
Importance Code A	\$30,500	\$2,000	\$300	\$400
Importance Code B	\$16,200	\$3,300	\$4,000	\$17,900
Importance Code C				
Total	\$46,700	\$5,300	\$4,300	\$18,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1993

Architecture	Current	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	200/ NI	¢115 100	LIEE	* *	-	\$25,200	
Cast Stone/Terra Cotta	30% Now Jnt Mortar Miss/Eros	\$115,100	LIFE		5	\$25,300	
	Location : All Faca	_	геи Ајјесте	a . 30/0			
	Staining/Discoloring		rea Affecte	ed : 35%			
	Location : Rear Fa		35				
	Vegetation Growth, I	Extent : Severe, Are	a Affected	: 25%			
	Location : Rear Fa	cade					
	Worn/Eroded, Extent	t : Moderate, Area	Affected : 2	25%			
	Location: Cornice	Trim					
Masonry: Brick	2%		LIFE	* *	5	\$200	
	Recent Repair Evider	_	rea Affect	ed : 100%			
	Location : Chimney						
	Other Observation, I		Area Affec	ted : 100%			
	Location: Chimney						
	Explanation: Stuce			ale ale		Φ.7. 7.0.0	
Masonry: Granite	68% 0-2	\$94,800	LIFE	**	5	\$5,500	
	Worn/Eroded, Extens Location : Rear Fa		Ajjeciea : .	20%			
Windows	Locuiton . Rear Fu	caae					
Aluminum	90%		2049	* *	5	\$2,400	
	Recent Replace Evid	ent, Extent : Light,		ted : 100%		4-,	
	Location : Through	out					
Metal Louvers	10%		2030	* *	10	\$1,700	
Parapets							
Cast Stone/Terra Cotta	100% Now	\$28,900	LIFE	**	5	\$26,300	
	Jnt Mortar Miss/Eroc Location : Sout Eas		te, Area A <u>j</u>	fectea : 15%			
Roof	Locuiton . Sout Eas	si Corner					
Copper/Terne	90%		2042	* *	10	\$40,200	
Copper/Terne	10%		2062	* *	10	\$4,500	
11	Recent Replace Evid	ent, Extent : Light,	Area Affec	ted : 100%			
	Location: At Roof	Penetrations And E	Eastern Ste	p Down Roof			
Interior							
Floors	4007		TIPE	ala de	_	#0.400	
Cast in Place Concrete	40%		LIFE	* *	5	\$8,400	
Ceramic Tile	10% 10%		2040 2035	* *	5 3	\$1,000 \$400	
Vinyl Tile Under Construction	10% 40%		2033		3	\$400	
Interior Walls	T U / 0						
Concrete Masonry Unit	25%		LIFE	* *	5	\$1,100	
Gypsum Board	10%		LIFE	* *	5	\$700	
Masonry: Brick	15%		LIFE	* *	-	4.50	
Plaster	10%		LIFE	* *	5	\$300	
Under Construction	40%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1993

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	\$1,000	
Exposed Concrete	50%	4+	\$3,400	LIFE	* *	5	\$700	
•	Cracking/C	rumbling, I	Extent : Light, Are	ea Affecto	ed : 15%			
	Location :	Basement						
Under Construction	40%							

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%		2047	* *	5	\$200		
	Other Observation, Ext		Area Affe	cted : 100%				
	Location : Electrical							
	Explanation : 2- Main Amperes	ı Service Disconı	iect Switc	hes Rated @ 1200	O Ampere	es And 700		
Transformers								
Dry Type	100%		2025	\$17,200	5			
	Other Observation, Ext		Area Affe	cted : 100%				
	Location : Electrical							
	Explanation: 75kva,	208/120 Volts						
Switchgear / Switchboard								
Fused Disc Sw	60%		2027	\$53,100	5			
Molded Case Bkrs	40%		2047	* *	5	\$100		
Raceway								
Conduit	60%		2027	\$9,100	1			
Conduit	40%		2047	* *	1			
Panelboards								
Molded Case Bkrs	60%		2026	\$9,800	5	\$100		
Molded Case Bkrs	40%		2043	* *	5	\$100		
Wiring								
Thermoplastic	50%		2027	\$10,000	1			
Thermoplastic	50%		2047	* *	1			
Motor Controllers								
Locally Mounted	70%		2025	\$22,500	5			
Locally Mounted	30%		2040	* *	5			
round								
Grounding Devices								
Generic	100% 2-4	\$10,400	LIFE	* *	5	\$100		
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Boiler Roo							
	Explanation: Corrod	ed						
tand-by Power								
Transfer Switches								
Automatic	100%		2040	* *	1	\$2,000		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1993

Electrical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2036	* *	1	\$2,500	
	Other Observation, Extent: Moderate,	, Area Affect	ed : 100%			
	Location: Generator Room	1 C				
Batteries	Explanation: 2 - 300 Kw Detroit Die	esel Generat	ors			
Lead/Acid	100%	2021	\$1,600	5	\$200	
Fuel Storage	10070	2021	\$1,000	3	\$200	
Day Tank	50%	2043	* *	5	\$600	
Buy Tunk	Other Observation, Extent : Moderate, Location : Generator Room		ed : 100%	3	\$000	
	Explanation: 275 Gallons Capacity					
Underground Storage	50%	LIFE	* *	5	\$200	
	Other Observation, Extent : Moderate, Location : Underground		ed : 100%			
T . 1	Explanation: 5000 Gallons Rated Co	apacity				
Lighting						
Interior Lighting	30%	2022	¢11 000	10	¢1 900	
Fluorescent	30% Other Observation, Extent: Moderate,	2022	\$11,900	10	\$1,800	
	Location: Throughout The Building Explanation: T-12 Lamps	, Агеи Ајјесі	ей . 100/в			
Fluorescent	70%	2032	* *	10	\$4,100	
	Other Observation, Extent: Moderate, Location: Throughout The Building Explanation: T-8 Lamps	, Area Affect	ed : 100%			
Egress Lighting	•					
Emergency, Service	48%	2032	* *	1		
Emergency, Battery	2%	2032	* *	10		
Exit, LED	50%	2055	* *	1		
Exterior Lighting						
LED	20%	2035	* *			
No Component	80%					
Lightning Protection						
Arresters/Cabling	1000/	2020	* *	5	\$200	
Generic	100%	2030			\$200	
Alarm Security System						
Generic	100%	2027	\$21,100	1	\$2,400	
Generie	Other Observation, Extent : Moderate,			1	Ψ2,100	
	Location: Throughout The Building	33 -				
	Explanation : CCTV Surveillance Sy.	stem And Int	rusion Alarm Sy.	stem		
Fire/Smoke Detection						
Generic, Digital	100%	2035	* *	1-3	\$3,900	
-	Other Observation, Extent: Moderate, Location: Throughout The Building	, Area Affect	ed : 100%			
	Explanation: Strobe Lights, Manual	Pull Station	s, Alarm Bells, H	Iorns An	d Smoke Detectors	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1993

Mechanical	Current Repair	Future Replac	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimat	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
leating				•		
Energy Source						
Electricity	10%	2037	* *	1		
Fuel Oil No 2	90%	2037	* *	5	\$1,800	
Conversion Equipment						
Hot Water Boiler	90%	2044	* *	1	\$2,800	
	Other Observation, Extent: Lig.					
	Location : Basement Boiler Ro	oom				
	Explanation: 2 Units					
Radiant Heater	10%	2035	* *	2	\$300	
Distribution						
Hot Wtr Piping/Pump	90%	2049	* *	4	\$300	
No Component	10%					
Terminal Devices						
Convector/Radiator	90%	2044	* *	1	\$1,900	
No Component	10%					
ir Conditioning						
Energy Source	1000/	20.42	* *			
Electricity	100%	2043	* *	1		
Conversion Equipment	200/	2026	* *	1	Ø2 100	
Centrifugal, Elec Chill		2036	* *	1	\$2,100	
	R-22 Refrigerant, Extent : Light Location : Back Yard	, Area Affectea : 30%				
~ 41 1			di di			
Split Unit	10%	2035	* *			
	Other Observation, Extent: Lig	ht, Area Affected : 10%				
	Location: Back Yard					
	Explanation: 2 Units. R-410a					
No Component	60%					
Distribution						
CW & CHW Wtr	30%	2047	* *	4	\$100	
Pipe/Pump	500 /					
No Component	70%					
Terminal Devices	400/	2025	* *		4000	
Fan Coil - 2 Pipe	40%	2035	* *	1	\$800	
No Component	60%					
Heat Rejection	200/	2022	* *	2	#1 20 2	
Air Cooled Condenser	30%	2032	* *	2	\$1,300	
Unit	100/	2025	* *	2	0.400	
Dry Cooler	10%	2035	* *	2	\$400	
No Component	60%					
entilation						
Distribution	200/	TIPP	* *	2.5	Ø1 100	
Ductwork/Diffusers	30% Other Observation Front : Lie	LIFE	4. 4.	2-5	\$1,100	
	Other Observation, Extent: Lig					
	Location: Communication Eq	шртет коот, раѕетеп				
	Explanation : New Ductwork					
No Component	70%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1993

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Roof	30%		2022	\$3,200	2	\$100	
No Component	70%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2047	* *	1		
Water Heater							
Electric	100%		2022	\$5,700	4		
Sanitary Piping							
Cast Iron	50%		LIFE	* *	1		
Cast Iron	50%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2027	\$1,000	4	\$200	
Sewage Ejector(s)							
Electric	100%		2032	* *	4	\$400	
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Dry	100%		2026	\$2,000	1-3	\$3,600	
	Other Obs	ervation, Extent : Light, Area	ı Affected	! : 100%			
	Location	: Basement Communication	Room				
	Explana	tion : Fm-200					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : COMMUNICATIONS CENTER-QUEENS

Address : 83-98 WOODHAVEN BOULEVARD @ PARK LANE SOUTH

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 9,804 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 3866 Lot : 70 BIN : 4439147

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$38,500	
Interior Architecture		\$537,800
Mechanical		\$214,700
Total	\$38,500	\$752,500
Importance Code A	\$38,500	
Importance Code B		\$214,700
Importance Code C		\$537,800
Total	\$38,500	\$752,500

\$1,200		\$400	
\$11,800	\$15,100	\$15,700	\$19,400
\$29,500	\$500	\$500	\$1,200
\$42,500	\$15,500	\$16,600	\$20,600
\$3,900	\$3,900	\$3,900	\$3,900
\$3,500	\$3,900	\$3,400	\$5,700
\$1,600	\$1,800	\$3,300	\$10,300
\$4,400	\$5,800	\$5,900	
\$29,000			\$700
FY 2019	FY 2020	FY 2021	FY 2022
	\$29,000 \$4,400 \$1,600 \$3,500 \$3,900 \$42,500 \$29,500 \$11,800	\$29,000 \$4,400 \$5,800 \$1,600 \$1,800 \$3,500 \$3,900 \$3,900 \$3,900 \$42,500 \$15,500 \$29,500 \$500 \$11,800 \$15,100	\$29,000 \$4,400 \$5,800 \$5,900 \$1,600 \$1,800 \$3,300 \$3,500 \$3,900 \$3,400 \$3,900 \$3,900 \$3,900 \$42,500 \$15,500 \$16,600 \$29,500 \$500 \$500 \$11,800 \$15,100 \$15,700



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1995

Architecture		Current Repa	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•				•			
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$20,400	
Masonry: Granite	3%			LIFE	* *	5	\$500	
Masonry: Limestone	10%	Now	\$29,000	LIFE	* *	5	\$1,800	
		Miss/Erod, Ex	tent : Moderat	e, Area A	Affected : 20%			
		: Cornices						
	_	iscoloring, Ext	ent : Moderate	, Area Aj	ffected : 10%			
		: Cornices						
		led, Extent : M			: 10%			
	Location	: Drip Edges U	Inder Window	Sills				
Metal Coiling Doors	2%			2032	* *	5	\$1,500	
Windows								
Aluminum	10%			2043	* *	5	\$400	
Aluminum	90%			2043	* *	5	\$3,700	
		ervation, Exten : Throughout	t : Light, Area	Affected	: 100%			
		ion : Bullet Res	sistant Glass					
Roof	Вхритин	ion . Builei Re.	sisiani Giass					
Clay Tile	95%	Now	\$38,500	2047	* *			
City The		ssing Elements			ffected : 5%			
		: Throughout	,		,,,			
		oair Evident, E	xtent : Light, A	rea Affec	cted : 20%			
	-	: At Dome	0	55				
Copper/Terne	5%			2055	* *	10	\$4,900	
Interior	270			2000		10	Ψ1,500	
Floors								
Carpet	30%			2026	\$52,500	3	\$6,200	
Cast in Place Concrete		Now	\$1,400	LIFE	* *	5	\$6,000	
	Water Pen	etration, Exten		Affected	: 10%		. ,	
		: East Facade						
Ceramic Tile	5%			2036	* *	5	\$700	
Raised Access Floor	20%			2036	* *	5	\$10,300	
Terrazzo	5%			LIFE	* *	5	\$500	
Vinyl Tile	20%			2035	* *	3	\$1,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1995

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2036	* *	5	\$900	
Fabric on Framing	20%			2028	\$537,800	5	\$1,800	
Gypsum Board	35%			LIFE	* *	5	\$3,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	5%	Now	\$1,200	LIFE	* *	5	\$300	
		_	Extent : Moderate nication Room	, Area Ą	ffected : 5%			
			Extent : Moderate, A	Area Affa	octed · 10%			
		: Commun	nication Room - Le			terior Da	mage Not	
Plaster	15%			LIFE	* *	5	\$800	
Ceilings								
AcousTileSusp.Lay-In	50%			2040	* *	5	\$6,900	
	_	d/Bulging, : Various	Extent : Light, Are Locations	a Affecte	d : 25%			
Exposed Concrete	20%			LIFE	* *	5	\$400	
Gypsum Board	10%			LIFE	* *	5	\$1,700	
Plaster	5%	Now	\$1,800	LIFE	* *	5	\$400	
	_	_	Extent : Moderate	, Area Ą	ffected : 5%			
		: Commun	Extent : Moderate, A nication Room - Led			terior Da	mage Not	
Plaster	15%			LIFE	* *	5	\$1,300	·

lectrical	Current Repair	Future Replacemen	t N	laintenance	
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	Ost Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2047 *	* * 5		
	Other Observation, Extent : Moderate,	Area Affected : 100%			
	Location : Electrical Room				
	Explanation: Main Service Disconne	ct Switch Rated @ 2000	Amperes		
Transformers					
Dry Type	100%	2040 *	* * 5		
• • •	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location : Electrical Room				
	Explanation: 225 Kva, 480/208/120	Volts			
Switchgear / Switchboard					
Fused Disc Sw	100%	2047 *	* * 5		
Raceway			•	•	•
Conduit	100%	2047 *	* * 1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1995

Electrical	Current Repair	Future	Replacement	M				
System	% of Fail Date Estimated Cos	Year	Estimated Cost	Cycle	Estimated Cost	Priority		
Component Type	Total (Years)	FY		(Yrs)				
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%	2043	* *	5	\$300			
Wiring	10070	2043			Ψ300			
Thermoplastic	100%	2047	* *	1				
Motor Controllers	10070	2017						
Locally Mounted	100%	2040	* *	5	\$100			
Ground					·			
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
	Other Observation, Extent : Moderate	, Area Affe	cted : 100%					
	Location: Water Meter Room							
	Explanation: Connected To Main W	ater Pipe.						
Stand-by Power								
Transfer Switches								
Automatic	100%	2040	* *	1	\$3,000			
Generators			de de					
Diesel	50%	2036	* *	1	\$1,900			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Generator Room							
	Explanation: 2 - 638 Kva Kohler Po							
Diesel	50%	2036	**	1	\$1,900			
	Other Observation, Extent: Moderate	, Area Affec	cted: 100%					
	Location: Outside The Building							
D 1	Explanation: 2 - 125 Kva							
Batteries	1000/	2021	¢1 500	_	\$400			
Lead/Acid	100%	2021	\$1,500	5	\$400			
Fuel Storage	50%	2043	* *	5	\$900			
Day Tank	Other Observation, Extent: Moderate			3	\$900			
	Location: Outside	, лгеи лујес	.ieu . 10070					
	Explanation: 2-265 Gallons Rated C	Canacity						
IIn dananaum d Stanaga	50%	LIFE	* *	5	\$300			
Underground Storage	Other Observation, Extent: Moderate			3	\$300			
	Location: Underground	, лгеи лујес	.ieu . 10070					
	Explanation: 5000 Gallons Rated C	anacity						
Lighting	Explanation: 3000 Guitons Raiea C	ириспу						
Interior Lighting								
Fluorescent	70%	2032	* *	10	\$5,900			
11001000110	Other Observation, Extent : Moderate		cted : 100%	10	42,500			
	Location: Throughout The Building	, 33						
	Explanation: T-8 Lamps							
Fluorescent	30%	2032	* *	10	\$2,500			
	Other Observation, Extent : Moderate		cted : 100%	- •	<i>\$</i> - ,2 0 0			
	Location : Corridors And Offices	33						
	Explanation : Compact Fluorescent	Lamps						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1995

Electrical	Curren	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	50%		2032	* *	1		
Emergency, Battery	10%		2032	* *	10	\$200	
Exit, Service	40%		2032	* *	1		
Exterior Lighting							
HID	20%		2032	* *	10		
No Component	80%						
Alarm							
Security System							
Generic	100%		2032	* *	1	\$3,700	
	Other Observation,	Extent: Moderate, Ar	ea Affe	ected : 100%			
	Location: Inside	And Outside The Build	ling				
	Explanation: CC	TV Surveillance Syster	n And I	Intrusion Alarm Sy	stem		
Fire/Smoke Detection							
Generic, Digital	100%		2032	* *	1-3	\$6,000	
	Other Observation,	Extent: Moderate, Ar	ea Affe	ected : 100%			
	Location: Throug	hout The Building					
	Explanation : Stre	obe Lights, Manual Pu	ll Stati	ons, Alarm Bells, S	moke De	tectors, Horns	

Mechanical	Current Repair		e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2037	* *	5	\$2,800	
Conversion Equipment						
Hot Water Boiler	100%	2032	* *	1	\$4,500	
	Other Observation, Extent : Light, Area	ı Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2043	* *	4	\$700	
Terminal Devices						
Air Handler	55%	2027	\$66,300	1	\$3,100	
Convector/Radiator	20%	2040	* *	1	\$600	
Fan Coil Unit/Heat	25%	2027	\$32,100	1	\$700	
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1995

Mechanical	Current Repair Future F			e Replacement	M	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Centrifugal, Elec Chiller	85%		2030	* *	1	\$8,400	
	-	gerant, Extent : Light, Area A	Affected :	85%			
	Location	: Chiller, Side Yard					
Interior Pkg Unit - Cooling	15%		2028	\$48,100	2	\$100	
Ü	-	gerant, Extent : Light, Area A : 4 Units, Communication R		15%			
Distribution							
CW & CHW Wtr	85%		2047	* *	4	\$600	
Pipe/Pump							
No Component	15%						
Terminal Devices							
Air Handler/Cool/Ht	35%		2027	\$33,700	1	\$2,000	
Fan Coil - 4 Pipe	50%		2027	\$100,400	1	\$1,500	
No Component	15%						
Heat Rejection							
Air Cooled Condenser	85%		2032	* *	2	\$5,400	
Unit							
Dry Cooler	15%		2032	* *	2	\$1,000	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,100	
Exhaust Fans							
Interior	100%		2032	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2047	**	1		
Water Heater							
Oil Fired	100%		2025	\$7,100	1	\$300	
		ervation, Extent : Light, Area	Affected	: 100%			
		: Basement					
	Explanat	tion: 2 Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
		ervation, Extent : Light, Area	Affected	: 100%			
	Location	: B-1					
		ion : 1 Unit					

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 COMMUNICATIONS CENTER-QUEENS

Asset #: 1995

Mechanical	Current Repair	Future Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression					
Sprinkler					
Generic	100%	2047 *	* 1-2	\$2,600	
Chemical System					
Generic	100%	2025 \$1,90) 1-3	\$4,000	
	Other Observation, Extent : Light, Area	Affected: 100%			
	Location: 1 Wet Set In Kitchen, 2 Dry	Sets (Fm-200) In Comm	ınication F	Room	
	Explanation: 3 Sets				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Address : SEAVIEW HOSPITAL 460 BRIELLE AVE.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSEMS.022 / 14007 Yr Built/Renovated : 1999 /

Area Sq Ft : 10,515 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Dec-2016 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Roof, Floors 1

Block : 955 Lot : 1 BIN : 5113197

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$143,300	
Interior Architecture	\$197,300	
Mechanical		\$134,500
Site Pavements	\$65,500	
Total	\$406,200	\$134,500
Importance Code A	\$143,300	
Importance Code B	\$197,300	\$134,500
Importance Code C	\$65,500	, in the second
Total	\$406,200	\$134,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$48,000			
Interior Architecture	\$4,700		\$2,100	\$700
Electrical	\$1,800	\$1,300	\$1,700	\$3,000
Mechanical	\$8,200	\$1,200	\$5,300	\$1,200
Site Enclosure	\$24,800			
Site Pavements	\$12,900			
Total	\$100,400	\$2,500	\$9,000	\$4,900
Importance Code A	\$48,500	\$500	\$500	\$500
Importance Code B	\$29,100	\$2,000	\$8,500	\$3,600
Importance Code C	\$22,800			\$700
Total	\$100,400	\$2,500	\$9,000	\$4,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

rchitecture	Current Repair	Future Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
erior					
Exterior Walls	100/ 37		_	44- 4 00	
Cast in Place Concrete	10% Now \$42,300 Cracking/Crumbling, Extent: Moderate Location: Column Supports At Cover Diagonal Cracks, Extent: Moderate, A Location: Column Supports At Cover Efflorescence, Extent: Moderate, Area	red Walkway rea Affected : 10% red Walkway	5	\$17,200	
	Location: Column Supports At Cover Spalling, Extent: Moderate, Area Affec	red Walkway			
	Location: Column Supports At Cover Staining/Discoloring, Extent: Light, Ar	red Walkway			
	Location : FDNY Garage - Perimeter	· Walls			
	Vegetation Growth, Extent: Moderate, Location: Base Of Building				
	Other Observation, Extent: Light, Area				
	Location: Building 50 - Integrated For Explanation: EMS Station / FDNY G Building That Includes Asset #13433	· · · · · · · · · · · · · · · · · · ·	rger Seav	view Hospital	
Masonry: Brick Cavity	29%	LIFE **	5	\$19,900	
Metal, Corrugated	20%	2048 **	1	Ψ13,300	
Metal Panel	20% 0-2 \$10,800 Corrosion/Rusting, Extent : Moderate,	2048 **	5	\$12,900	
	Location: Bulkhead Stair And Roofto	-		f	
Metal Sect. OHD	10% 4+ \$2,300 Corrosion/Rusting, Extent: Light, Area Location: FDNY Garage Doors - At		5	\$5,400	
Pre-Cast Concrete	5%	LIFE **		¢11 200	
Weathering Steel	5% Now \$12,600	LIFE **	5 1	\$11,200	
weathering Steel	Staining/Discoloring, Extent: Moderat Location: Scuppers At Roof		1		
	Other Observation, Extent: Moderate, Location: Column Supports At Cover Explanation: Corrosion/Rusting				
Window Wall	1%	2048 **	5	\$1,300	
Windows	170	2046		\$1,500	
Aluminum	100%	2044 **	5	\$1,300	
Parapets				4-,	
Metal Rail	3% 2-4 Deteriorated Finish, Extent: Moderate		5	\$100	
	Location: Railing Atop Bulkhead Sta				
Pre-Cast Concrete	57%	LIFE **	5	\$4,900	
No Component	10%				
Not Accessible	30%	ACC . 1 00 (
	Other Observation, Extent: Light, Area				
	Location: Rooftop Of Fdny Maintena	ince Garage			
	Explanation : No Access				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

Architecture	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority				
Exterior Roof								
Single Ply Membrane	70% 0-2 \$101,000	2038 **		1				
	Blisters, Extent : Moderate, Area Affect Location : EMS - Main Roof	ed : 30%						
	Drains Clogged, Extent : Moderate, Are Location : EMS Main Roof - From Acc		f Surface					
	Drains Inad/Misposn, Extent : Moderate Location : EMS Main Roof And Walky							
	Ponding, Extent : Severe, Area Affected Location : All Roofs	: 35%						
	Scupper Non-Func/Miss, Extent : Moderate, Area Affected : 10% Location : Covered Walkway (East Side) And West Wall (EMS)							
	Vegetation Growth, Extent : Moderate, Area Affected : 35% Location : Surrounding Rooftop Mechanical Equipment							
	Walk Pads Miss/Displ, Extent : Moderate, Area Affected : 15% Location : Existing Walk Pads Very Slippery - EMS Roof							
	Water Penetration, Extent : Severe, Area Affected : 10% Location : Above EMS Whelchair Lift Shaftway And At Roof Penetration For Nederman							
	Exhaust In Apparatus Floor Other Observation, Extent: Moderate, A Location: EMS Main Roof	Area Affected : 25%						
	Explanation: Soft Spots Evident When	Walking On Surface						
Not Accessible	30% Other Observation, Extent : Light, Area	Affected : 0%						
	Location: Rooftop Of Fdny Maintenan							
Soffits	Explanation : No Access							
Metal Panel	100% Now \$3,600	2048 **	5 \$8,500					
ivictal i anci	Staining/Discoloring, Extent: Moderate Location: Underside Perimeter Of Co	, Area Affected : 20%	3 \$6,300					
	Water Penetration, Extent : Moderate, A Location : Underside Perimeter Of Co	Area Affected : 15%						
Interior	·	<u> </u>						

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

Architecture		Current F	Repair	Future	Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	700/	N T	¢125 000	LIEE	* *	_	¢24.100	
Cast in Place Concrete		Now	\$125,000	LIFE		5	\$24,100	
	_	_	Extent : Severe, A paratus Floor	rea Ajjeci	ea : 20%			
			Extent : Severe, Ar	eaa Affacti	od · 20%			
			paratus Floor	ей Ајјест	:u . 20/0			
			amage, Extent : M	oderate A	Area Affected · 20	%		
			ailure - Ems Appa			70		
			xtent : Severe, Are					
			paratus Floor - Wa			aratus F	loor	
			ce Becomes A Slip					
Ceramic Tile	5%	0-2	\$800	2037	* *	5	\$400	
Ceranne The	_		: Moderate, Area		15%	3	Ψ100	
		: Locker R		1 199 0 0 0 0 0 0 0 0	10,0			
Vinyl Tile	25%			2033	* *	3	\$1,500	
Interior Walls								
Ceramic Tile	10%			2037	* *	5	\$1,400	
Concrete Masonry Unit	30%			LIFE	* *	5	\$3,400	
Gypsum Board	60%	Now	\$800	LIFE	* *	5	\$5,200	
	Water Pene	etration, E	xtent : Moderate, A	Area Affe	eted : 5%			
	Location	: Hallwy C	Corridor Between (Offices An	d Apparatus Floo	r		
Ceilings								
AcousTileSusp.Lay-In	20%			2041	* *	5	\$3,100	
Exposed Struc: Steel	40%	0-2	\$72,300	LIFE	**			
			xtent : Moderate, A			E1		
		_	Penetrations Withi			us Floor:	S	
			xtent : Light, Area	Affected	: 100%			
		: Apparatu			a al Daguera			
C D 1			onents Are Deckir		**	-	Φ7.000	
Gypsum Board	40%	4+	\$1,400	LIFE		5	\$7,900	
		etration, E. : Locker R	xtent : Light, Area ooms	Ајјестеа .	: 13%			
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%		\$7,500	2048	**			
	-	-	nt, Extent : Light,	Area Affe	cted : 30%			
		: Parking						
			derate, Area Affec	ted : 35%				
	Location	: Parking	Lot Walls					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

Architecture		Current I	Repair	Futui	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	\$17,400	2038	* *			
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 30%			
	Location	: East Side	e Planter Adjacent	To EMS	Entrance			
	Jnt Morta	r Miss/Erod	d, Extent : Moderai	te, Area A	Affected : 25%			
	Location	: East Side	e Planter Adjacent	To EMS	Entrance			
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 15%			
	Location	: Evident	On Exterior Wall C	of EMS F	Planter Bed			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%	4+	\$12,900	2033	* *			
		U	nents, Extent : Mod Parking Area	erate, Ai	ea Affected : 10%			
	U	0-	Extent : Moderate prons For All Overl					
Pavers/Stone	30%			2037	* *			
Parking/Driveway								
Asphalt	100%	Now	\$65,500	2037	* *			
1	Cracking/	Crumbling,	Extent : Moderate		ffected : 15%			
	_	_	Locations - Drivew		·=			

ectrical	Current Repair	Future Replaceme	ent	М	aintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2048	* *	5		
	Other Observation, Extent : Light, An Location : Electrical Room	rea Affected : 100%				
	Explanation : Main Service Discon	nect Switch Rated @ 120	00 Am	peres		
Transformers						
Liquid Filled	100%	2033	* *	5	\$100	
	Other Observation, Extent : Moderat	e, Area Affected : 100%				
	Location : Electrical Room					
	Explanation: No Available Namep	late Ratings				
Switchgear / Switchboard						
Fused Disc Sw	100%	2048	* *	5		
	Other Observation, Extent: Light, Ar	rea Affected : 100%				
	Location : Electrical Room					
	Explanation: 2 - Vertical Sections					
Raceway						
Conduit	100%	2048	* *	1		
Panelboards	_					
Fused Disc Sw	5%	2044	* *	5		
Molded Case Bkrs	95%	2044	* *	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priori
Inder 600 Volts						
Wiring						
Thermoplastic	100%	2048	* *	1		
Motor Controllers						
Locally Mounted	50%	2041	* *	5		
Locally Mounted	50%	2033	* *	5		
Ground						
Grounding Devices	1000/					
Not Accessible	100%					
Stand-by Power Transfer Switches						
Automatic	100%	2041	* *	1	\$3,200	
Automatic	Other Observation, Extent : 1		6	1	\$5,200	
	Location : Electrical Room	ngm, mea nyjeetea . 100/	o .			
	Explanation: 3 - Automatic	Transfer Switches No Ava	iilahle Nam	enlate Ra	atinos	
Generators	Explanation: 5 Haromane	Transfer Switches 110 11ve	madic Itam	epitite Kt	ungs	
Diesel	100%	2037	* *	1	\$4,100	
216001	Other Observation, Extent : I		6	-	ψ.,100	
	Location : Outside Of The I					
	Explanation : Emergency G					
Batteries						
Lead/Acid	100%	2022	\$1,600	5	\$400	
Fuel Storage						
Main Tank	100%	2056	* *	5	\$300	
	Other Observation, Extent : I	ight, Area Affected : 100%	6			
	Location : Outside					
	Explanation: 275 Gallons I	Rated Capacity				
Lighting						
Interior Lighting	0.50/	2022	* *	1.0	ФО 2 00	
Fluorescent	85%	2033	**	10	\$8,200	
	T-8 Lamps And Fixtures, Ext Location: 1st Floor	ent : Light, Area Affectea :	100%			
			di di	1.0		
Fluorescent	10%	2033	**	10	\$1,000	
	Compact Fluorescent Light, I	Extent : Light, Area Affecte	ed: 100%			
	Location : Lobby					
Fluorescent	2%	2023	\$600	10	\$200	
	T-12 Lamps And Fixtures, Ex Location : Boiler Rooms	tent : Moderate, Area Affe	cted : 100%	ó		
HID	3%	2033	* *	10		
	Other Observation, Extent : I Location : FDNY Repair Sh		6			
	Explanation : 9 - HID Light	=				
Egress Lighting						
Emergency, Service	50%	2033	* *	1		
Exit, Service	50%	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
Fluorescent	80%	2028	\$29,400	10	\$800	
	Other Observation, Extent : Modera	te, Area Affe	ected : 100%			
	Location : Outside					
	Explanation: 20 Compact Floures	cent Lights.				
HID	20%	2028	\$8,700	10		
	Other Observation, Extent : Modera	te, Area Affe	ected : 100%			
	Location : Outside					
	Explanation: 5 - HID Light Fixtur	es				
Alarm						
Fire/Smoke Detection						
Generic, Digital	100%	2033	* *	1-3	\$6,500	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location: EMS 22 Only					
	Explanation: Smoke Detectors, Mo	anual Pull S	tations, Alarm Bell	ls And H	orns	

Mechanical		Current Repai	r	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2048	* *	1		
Conversion Equipment								
Furnace	50%			2033	* *	1	\$2,600	
	Location	ervation, Extent : Roof, EMS An ion : 2 Package	d Fire Depar	tment Go		as Fired	Snace Heaters	
Hot Water Boiler		ion . 2 I dekage	a Roojiop On	2041	**	1	-	
Hot water Boiler	50%	E.d	. T:-1.4 A			1	\$2,600	
		ervation, Extent						
		: EMS And Fire	•		ooms			
	Explanati	ion : 4 Gas Fire	d Hot Water	Boilers				
Distribution	1000/		#200	2011	* *		φ 	
Hot Wtr Piping/Pump	100%		\$300	2044		4	\$500	
		riorating, Exten : Throughout	t : Severe, Ai	rea Affeci	ed : 100%			
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	\$3,400	
Air Conditioning Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2028	\$134,500	2	\$600	
rieating/Cooling	Other Obse Location	ervation, Extent : Roof	: Light, Area	Affected	: 100%			
	Explanati	ion : 2 Package	Rooftop Uni	ts				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

Asset #: 14007

Mechanical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$17,100	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$9,300	
Exhaust Fans						
Roof	100%	2033	* *	2	\$300	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2054	* *	1		
Water Heater	1000/					
Gas Fired	100%	2026	\$6,600	2	\$200	
	Other Observation, Exten	nt : Light, Area Affected	: 100%			
	Location: 2nd Floor					
	Explanation: 1 - 250 C	Gallon Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2033	* *	1	\$600	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
Fire Suppression						
Sprinkler						
No Component	75%					
Generic	25%	2048	* *	1-2	\$700	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS BATTALION 40 Address : 5011 7th AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.278 / 13164 Yr Built/Renovated : 1912 /

Area Sq Ft : 5,478 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 794 Lot : 5 BIN : 3013389

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$56,800	
Interior Architecture		\$44,300
Electrical		\$38,500
Total	\$56,800	\$82,800
Importance Code A	\$56,800	
Importance Code B		\$82,800
Total	\$56,800	\$82,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,100		\$21,900	
Interior Architecture	\$42,400	\$1,000		
Electrical	\$1,900	\$100	\$100	
Mechanical	\$1,100	\$1,100	\$4,900	\$1,000
Total	\$59,500	\$2,200	\$26,900	\$1,000
Importance Code A	\$14,700	\$500	\$22,500	\$500
Importance Code B	\$36,200	\$1,300	\$4,400	\$500
Importance Code C	\$8,700	\$300		
Total	\$59,500	\$2,200	\$26,900	\$1,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13164

Architecture	Curren	t Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	6 5 0/ 3.7	4.		de de	_	440.000	
Masonry: Brick	Location: South A Jnt Mortar Miss/Er Location: Mortan Spalling, Extent: M	od, Extent : Modera · Eroded Throughou loderate, Area Affec	te, Area A t Basemen	ffected : 40%	5	\$18,900	
	Location: South						
	Vertical Cracks, Ex Location : South	tent : Moderate, Are Facade	a Affectea	! : 5%			
Masonry: Granite	5%		LIFE	* *	5	\$1,100	
Masonry: Limestone	15%		LIFE	* *	5	\$3,300	
Wood Overhead Doors	15%		2031	* *	5	\$21,800	
Windows Aluminum	_	\$11,400 Extent : Moderate, A s Lintel Locations T			5	\$700	
	Glazing Broken/Cro	acked, Extent : Light Elevation Third Stor	, Area Aff				
Parapets Masonry: Brick	75%		LIFE	* *	5	\$1,800	
Masonry: Sandstone	5% Now	\$2,100	LIFE	* *	5 5	\$200	
Musomy: Sundscone	Jnt Mortar Miss/Er Location : Coping Worn/Eroded, Exte	od, Extent : Modera	te, Area A	-	3	Ψ200	
Metal Panel	10% Now	\$400	2036	* *	5	\$500	
	Broken/Missing Ele	ements, Extent : Ligh g Coping Enclosure	t, Area Af			4000	
Stucco Cement	10%		2039	* *	5	\$600	
Roof Built-Up (BUR)	100%		2031	* *	10	\$11,000	
nterior Floors							
Cast in Place Concrete		\$6,900 Extent : Moderate, A ghout Basement Area		* * ted : 85%	5	\$7,300	
Ceramic Tile	5% Now	\$200 ements, Extent : Ligh	2035	* * fected : 5%	5	\$200	
Quarry Tile	5%		2039	* *	5	\$700	
Vinyl Tile	55%		2026	\$44,300	3	\$2,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13164

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date F (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$700	
Gypsum Board	20%			LIFE	* *	5	\$1,600	
Masonry: Brick	15%	Now	\$7,600	LIFE	* *			
			ent : Severe, Are Under Hatchway		d : 25%			
Plaster	50%	4+	\$1,000	LIFE	* *	5	\$2,000	
		etration, Exte	ent : Light, Area	Affected	: 5%		. ,	
Wood	10%			LIFE	* *	5	\$5,200	
	Location	: 2nd Floor	ent : Moderate, A Locker Room Ar Paneling Finish		ected : 100%			
Ceilings								
AcousTileSusp.Lay-In	53%			2039	* *	5	\$5,000	
Exposed Concrete	13%	Now	\$23,800	LIFE	* *	5	\$200	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 30% Location: Throughout Basement Ceiling.							
	Exposed Reinforcement, Extent: Moderate, Area Affected: 30% Location: Throughout Basement Ceiling. Shoring Has Been Installed To Aid In Supporting							
	The Truck Floor Above. Water Penetration, Extent : Severe, Area Affected : 40%							
		: Holes In Ti Basement.	he Metal Access	Sidewalk	Hatch Allow Stor	m Water	To Flow Freely	
Plaster	34%			LIFE	* *	5	\$2,000	

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2056	* *	5	\$100	
	Recent Installation, Extent	: Light, Area Affected : 1	100%			
	Location: Basement					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2056	* *	5	\$100	
	Other Observation, Extent .	: Light, Area Affected : 1	00%			
	Location: Basement					
	Explanation: 350 Ampere	es Main Circuit Breaker				
Raceway						
Conduit	100%	2026	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2025	\$38,500	5	\$100	
Wiring						
Thermoplastic	100%	2026	\$27,700	1		

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13164

Electrical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground							
Grounding Devices							
Generic	100% Now	\$1,900	LIFE	* *	5	\$100	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: Ground	d Is Disconnected	From T	he Water Pipe			
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$14,800	10	\$5,000	
Exterior Lighting							
HID	100%		2026	\$20,700	10		

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Steam Boiler	100%		2039	* *	1	\$5,400	
Distribution							
Central Plant Steam	100%		2036	* *	4	\$400	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$1,800	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Split Unit	10%		2031	* *			
Window/Wall Unit	80%		2024	\$8,500	1		
No Component	10%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,100	
Exhaust Fans							
Roof	50%		2031	* *	2	\$100	
Wall Unit	50%		2031	* *	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
	No Water	Meter, Extent : Light, Area Af	fected :	100%			
	Location	: Basement					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13164

Mechanical	Current Repair	Future Re	placement	M	Maintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing		•						
Water Heater								
Gas Fired	100%	2021	\$3,100	2	\$100			
	Other Observation, Extent: Light, A	Area Affected : 10	0%					
	Location: Basement							
	Explanation: 75 Gallons							
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1				
Sump Pump(s)								
Non-Submersible	100%	2031	* *	4	\$200			
	Other Observation, Extent: Light, A	Area Affected : 10	0%					
	Location: Basement							
	Explanation: Duplex Unit							
Fixtures								
Generic	100%							
	Leaking Faucets/Valves/Heads, Extent: Moderate, Area Affected: 10%							
	Location: Bathroom 2nd Floor							
Fire Suppression								
Chemical System								
Generic	100%	2024	\$1,900	1-3	\$3,700			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS BUILDING BATTALION 4

Address : PIERS 35 AND 36, EAST RIVER 271 MARGINAL STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 12,322 Project Type : FIRE DEPARTMENT

Date of Survey : 06-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3

Total

Block : 241 Lot : 13 BIN : 1079601

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$499,600	\$137,600
Interior Architecture		\$31,800
Electrical		\$77,300
Total	\$499,600	\$246,700
Importance Code A	\$499,600	\$137,600
Importance Code B		\$109,100
Total	\$499,600	\$246,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,700		\$1,200	
Interior Architecture	\$900	\$2,600		\$500
Electrical	\$3,000	\$13,600	\$1,200	\$1,100
Mechanical	\$2,800	\$17,000	\$3,600	\$2,100
Total	\$35,400	\$33,200	\$6,100	\$3,700
Importance Code A	\$29,900	\$1,200	\$2,400	\$1,200
Importance Code B	\$5,500	\$32,000	\$3,700	\$2,500
Importance Code C				

\$33,200

\$6,100

\$3,700

\$35,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2405

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls			****			_		
Cast in Place Concrete	Cracking/0		\$14,000 Extent : Moderate Ledge Below Parap		* * ffected : 20%	5	\$6,200	
Masonry: Brick Cavity	70%			LIFE	* *	5	\$17,400	
Metal Panel	Deformed/ Location	: East Stai	=			5	\$2,300	
		r/Impact D : East Stai	amage, Extent : M irway	oderate, .	Area Affected : 209	%		
Metal Coiling Doors	10%			2038	* *	5	\$7,800	
Pre-Cast Concrete	10%			LIFE	* *	5	\$8,100	
Windows								
Aluminum	20%			2041	* *	5	\$2,400	
Steel	Air Infiltra	Now tion, Exten : Through	\$499,600 nt : Moderate, Area out	2050 a Affected	* * l : 50%	5	\$59,900	
	Location Deteriorat	: Through	Extent : Moderate,					
Parapets						_	*	
Pre-Cast Concrete	100%			LIFE	* *	5	\$17,700	
Roof	020/			2022	* *	10	\$16,200	
Built-Up (BUR) Modified Bitumen	92% 5%	Now	¢5 100	2033 2035	* *	10	\$16,200	
Modified Bitumen	Blisters, E. Location	xtent : Mod : Over Eas	\$5,100 derate, Area Affecto st Staieway	ed : 25%				
			tent : Moderate, A st Stairway	rea Affec	rted : 25%			
			xtent : Moderate, A	Area Affe	cted : 10%			
			st Stairway	170011990	cica . 1070			
Skylight, Metal/Glass		Now	\$7,800	2025	\$77,800			
	Corrosion		xtent : Moderate, A		•			
	Water Pen Location		xtent : Moderate, A	Area Affe	cted : 10%			
terior Floors								
Cast in Place Concrete	65%			LIFE	* *	5	\$26,600	
Ceramic Tile	5%			2034	* *	5	\$900	
Vinyl Tile	20%			2025	\$31,800	3	\$1,900	
Vinyl Tile	10% Recent Rep	olace Evide	ent, Extent : Light,	2035 Area Affa	* * ected : 100%	3	\$700	
	-	: Kitchen		. 33				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2405

Architecture		Current Repair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Concrete Masonry Unit	75%		LIFE	* *	5	\$5,100	
Gypsum Board	20%		LIFE	* *	5	\$2,000	
Masonry: Brick	5%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	25%		2030	* *	5	\$4,700	
Exposed Concrete	70%		LIFE	* *	5	\$2,100	
Metal Panel	5%		LIFE	* *	5	\$1,200	
	Water Pen	etration, Extent : Moderate, A	Area Affe	ected : 10%			
	Location	: East Stairway					

Electrical	Current Repai	r Future	Replacement	М	Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2025	\$2,400	5		
	Other Observation, Extent		cted : 100%			
	Location : Electrical Roc					
	Explanation : Main Servi		00 Amperes			
Fused Disc Sw	50%	2045	* *	5		
	Other Observation, Extent Location : Electrical Roc		cted : 100%			
	Explanation: Main Servi		00 Amneres			
Transformers	Enpiananon . main servi	ee smach raieu & 500	55 Imperes			
Dry Type	100%	2038	* *	5		
Diy Type	Other Observation, Extent		cted : 100%	5		
	Location : Electrical Roc					
	Explanation : 2- 1000 Kv	va, 480/277/208 V				
Switchgear / Switchboard	•					
Fused Disc Sw	100%	2045	* *	5	\$100	
Raceway						
Conduit	80%	2025	\$25,000	1		
Conduit	20%	2045	* *	1		
Panelboards						
Molded Case Bkrs	80%	2024	\$30,800	5	\$300	
Molded Case Bkrs	20%	2041	* *	5	\$100	
Wiring						
Thermoplastic	80%	2025	\$22,200	1		
Thermoplastic	20%	2045	* *	1		
Motor Controllers						
Locally Mounted	70%	2023	\$10,100	5	\$100	
Locally Mounted	30%	2038	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2405

Electrical	Current Repair	Future F	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Stand-by Power							
Transfer Switches	1000/	•••	di di		** ***		
Automatic	100%	2038	* *	1	\$3,800		
Generators	1000/	2024	* *		# 4.000		
Diesel	100%	2034		1	\$4,800		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location : Outside The Building Explanation : Emergency Generator Rated @ 80 Kva						
Batteries	Explanation . Emergency General	nor Kaiea @ 80 .	Ava				
Lead/Acid	100%	2019	\$1,500	5	\$500		
Fuel Storage	10070	2017	ψ1,500		Ψ500		
Main Tank	100%	2053	* *	5	\$400		
TVIAITI TAITK	Other Observation, Extent: Model		d : 100%		Ψ100		
	Location : Outside	, 33					
	Explanation: 75 Gallon Capacit	y					
Lighting	•						
Interior Lighting							
Fluorescent	95%	2030	* *	10	\$10,900		
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building						
HID	5%	2025	\$600	10			
Egress Lighting			<u>·</u>				
Emergency, Battery	50%	2030	* *	10	\$1,500		
Exit, Service	50%	2030	* *	1			
Exterior Lighting							
HID	100%	2025	\$46,500	10			
Alarm							
Security System							
No Component	90%						
Generic	10%	2030	* *	1	\$500		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Front And Back Only						
F: /0 1 P : :	Explanation: CCTV Surveilla	nce Cameras					
Fire/Smoke Detection	700/						
No Component	70% 30%	2020	* *	1.2	¢2 200		
Generic, Digital		2030		1-3	\$2,300		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Hallways						
	Explanation : Alarm Bells, Manu	ual Pull Stations	And Strobe Liah	ts			
	Explanation . Maint Betts, Mante	un i un siunons i	ina sirove Ligh	ıs			

Mechanical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Heating Energy Source Natural Gas	100%	2035 **	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2405

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Furnace	10% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Package Unit	2025 a Affected .	\$2,800	1	\$600	
Steam Boiler	90% Other Observation, Extent: Light, Are Location: 1st Floor Boiler Room Explanation: 1 Unit	2042 a Affected .	**	1	\$11,200	
Distribution Central Plant Steam Piping/Pmp No Component	90% 10%	2035	* *	4	\$800	
Terminal Devices Convector/Radiator Unit Heater - Steam Unit Heater - Steam No Component	50% 30% 10% 10%	2023 2033 2020	\$19,900 * * \$1,000	1 4 4	\$2,000 \$300 \$200	
Air Conditioning Energy Source Electricity	100%	2033	**	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	20%	2025	\$29,300	2	\$200	
Window/Wall Unit	R-22 Refrigerant, Extent : Light, Area Location : Roof 40%	Affected : 2	\$9,800	1		
No Component	40% 40% Other Observation, Extent: Light, Area Affected: 0% Location: 2nd Floor Electrical Room Explanation: There Is No Ventilation For Electrical Room					
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	**	2-5	\$7,000	
Exhaust Fans Roof Plumbing	100%	2025	\$19,400	2	\$400	
H/C Water Piping Brass/Copper	100%	2035	* *	1		
Water Heater Gas Fired	100%	2023	\$7,100	2	\$200	
Sanitary Piping Cast Iron Storm Drain Piping	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron Fixtures	100%	LIFE	* *	1		
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2405

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Standpipe						
Generic	100%	2035	* *	1-5	\$6,300	
	Other Observation, Extent : Ligi	ht, Area Affected : 1009	%			
	Location : Outside Wall					
	Explanation: Combination Co	nnection				
Sprinkler						
Generic	100%	2035	* *	1-2	\$3,500	
Chemical System						
Generic	100%	2020	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 10 YORKVILLE STATION

Address : 1918 1ST AVE.

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSEMS.010 / 13984 Yr Built/Renovated :

Area Sq Ft : 2,900 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 1691 Lot : 1 BIN : 1052997

CAPITAL

Total

Importance Code

Total

Total	\$47,700	\$1,400	\$1,100	\$2,500
Importance Code C	\$24,800	\$900		
Importance Code B	\$17,800	\$500	\$1,100	\$2,500
Importance Code A	\$5,100			
Total	\$47,700	\$1,400	\$1,100	\$2,500
Site Pavements	\$20,500			
Site Enclosure	\$3,100			
Mechanical	\$700	\$400	\$1,000	\$400
Electrical	\$3,100	\$100	\$100	\$100
Interior Architecture	\$15,200	\$900		\$2,000
Exterior Architecture	\$5,100			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 10 YORKVILLE STATION

Asset #: 13984

Architecture	Current Repair Future Replacem		nt Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
xterior Exterior Walls Masonry: Brick	100% Repairs in Progress, Extent: Light, Location: Throughout Other Observation, Extent: Light, Location: Throughout Explanation: Scaffolding In Place	Area Affected : 75%	5	\$24,300	
Windows Aluminum	100% Now \$5,1 Broken/Missing Elements, Extent: Location: Various Locations Thr Unit Inoperable, Extent: Moderate Location: Various Locations Thr	00 2042 ** Moderate, Area Affected : 10% oughout c, Area Affected : 25%	5	\$600	
Roof Not Accessible	100%				
nterior	100/0				
Floors Quarry Tile	10% Worn/Eroded, Extent : Light, Area Location : Storage Room	2039 * * Affected : 10%	5	\$2,700	
Vinyl Tile	90% Now \$6,9 Broken/Missing Elements, Extent: Location: Throughout Worn/Eroded, Extent: Light, Area Location: Throughout	Moderate, Area Affected : 25%	3	\$6,100	
Interior Walls Ceramic Tile Gypsum Board	10% 80% 0-2 \$1,2 Cracking/Crumbling, Extent: Ligh Location: Corridor, Office Paint Peeling, Extent: Light, Area Location: Corridor Recent Repair Evident, Extent: Lig Location: Corridor	t, Area Affected : 10% Affected : 10%	5 5	\$1,900 \$9,000	
SGFT/Glazed Masonry	10%	LIFE **			
Ceilings Metal Panel	10% Now \$1,5 Broken/Missing Elements, Extent : Location : Storage Room		5	\$2,300	
Plaster	90% 0-2 \$4,2 Cracking/Crumbling, Extent: Mod Location: Various Locations Paint Peeling, Extent: Light, Area Location: Toilets And Locker Ro Recent Repair Evident, Extent: Lig Location: Corridor	erate, Area Affected : 15% Affected : 10% oms	5	\$10,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 10 YORKVILLE STATION

Asset #: 13984

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain link	100%	0-2	\$3,100	2046	* *			
	Corrosion	Rusting, Ext	ent : Moderate, A	Area Affe	ected : 90%			
	Location	ı : Around Pa	rking Lot					
	Impact Do	amage, Extent	t : Moderate, Are	a Affecte	ed : 15%			
	Location	ı : East Side						
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	\$1,600	2039	* *			
	Cracking/	Crumbling, E	Extent : Moderate	, Area Ą	ffected : 25%			
	Location	i : At Entranc	re					
Parking/Driveway								
Asphalt	100%	Now	\$18,900	2035	* *			
•	Cracking/	Crumbling, E	Extent : Moderate	, Area A	ffected : 75%			
	Location: Various Locations							
	Ponding, Extent: Moderate, Area Affected: 15%							
	Location	ı : Various Lo	ocations					
	Potholes.	Extent : Seve	re, Area Affected	: 15%				
		ı : Various Lo	. 55					

Electrical	Current Repair	Future Re	eplacement	M		
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2036	* *	1		
Panelboards						
Molded Case Bkrs	100%	2034	* *	5	\$100	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5		
Stand-by Power						
Transfer Switches						
Automatic	100%	2031	* *	1	\$900	
	Other Observation, Extent : Location : 1st Floor Explanation : For Portabl		00%			
Lighting						
Interior Lighting						
Fluorescent	100%	2026	\$7,900	10	\$2,700	
	T-8 Lamps And Fixtures, Ex Location: Throughout	tent : Light, Area Affecte	ed : 100%			
Egress Lighting						
Emergency, Battery	50%	2026	\$2,000	10	\$400	
Exit, LED	50%	2041	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 10 YORKVILLE STATION

Asset #: 13984

Electrical		Current Re	epair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	50%			2026	\$5,500	10		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	0-2	\$3,000	2036	* *	1-3	\$200	
	Local/Batte	ery Operated	d Detect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: Throughou	ut					

Mechanical	Current Repair	Future	Replacement	M			
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Electricity	30%	2046	* *	1			
HTHW/HW	70%	2046	* *	1			
	Other Observation, Extent:	Light, Area Affected :	100%				
	Location : Adjacent Space						
	Explanation : Hot Water Is	Provided By The Adj	iacent Space - Cei	ntral Pla	nt Of Hospital		
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$1,600		
	Other Observation, Extent:	Light, Area Affected :	100%				
	Location: 1st Floor						
	Explanation: Heating And	Cooling Is Through I	Ductwork				
Terminal Devices							
Convector/Radiator	100%	2039	* *	1	\$900		
Air Conditioning							
Energy Source							
Electricity	100%	2048	* *	1			
Terminal Devices							
Air Handler/Cool/Ht	100%	2031	* *	1	\$1,800		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Duct						
	Explanation : Electric Reh	eat Coils					
Heat Rejection							
Dry Cooler	100%	2031	* *	2	\$2,000		
Ventilation							
Distribution							
Ductwork/Diffusers	15%	LIFE	* *	2-5	\$200		
No Component	85%						
Exhaust Fans							
No Component	85%						
Not Accessible	15%						
Plumbing							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 10 YORKVILLE STATION

Asset #: 13984

Current Repa	r Futur	Future Replacement		Maintenance	
% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2046	* *	1		
100%	LIFE	* *	1		
100%					
100%	2046	* *	1-2	\$800	
	% of Fail Date Esti Total (Years) 100% 100%	% of Total Pail Date Estimated Cost (Years) 100% 2046 100% LIFE	% of Total Pail Date Estimated Cost FY 100% 2046 ** 100% LIFE **	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2046 ** 1 100% LIFE ** 1	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs)

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 14 SOUTH BRONX STATION
Address : LINCOLN HOSPITAL 234 EAST 149TH STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 3,500 Project Type : FIRE DEPARTMENT

Date of Survey : 08-Mar-2013 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 2335 Lot : 16 BIN : 2097050

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$61,200
Total		\$61,200
Importance Code B		\$61,200
Total		\$61,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,800	\$600		
Interior Architecture	\$17,400			\$300
Electrical	\$12,800			
Mechanical	\$3,700	\$100	\$1,300	\$200
Total	\$36,700	\$700	\$1,400	\$500
Importance Code A	\$2,800	\$600		
Importance Code B	\$33,700	\$100	\$1,400	\$500
Importance Code C	\$200			
Total	\$36,700	\$700	\$1,400	\$500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 14 SOUTH BRONX STATION

Asset #: 13986

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$21,900	
Metal Coiling Doors		Now	\$2,800	2029	* *	5	\$3,800	
	-	ped Elemen 1 : Front Sid	ts, Extent : Light, A de	Area Affe	cted : 2%			
Windows								
Aluminum	100%			2040	* *	5	\$1,200	
nterior Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$11,800	
	Recent Re	place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%	-	+,	
Ceramic Tile	5%			2039	* *	5	\$900	
	_	place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%			
Sheet Vinyl/Rubber	50%			2034	* *	5	\$13,500	
Vinyl Tile	15%	Now	\$9,200	2024	\$22,900	3	\$1,000	
	_	Crumbling, 1 : Rest Are	Extent : Light, Ard a	ea Affect	ed : 2%			
Interior Walls								
Ceramic Tile	2%			2039	* *	5	\$400	
	-	place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%			
Concrete Masonry Unit	88%			LIFE	* *	5	\$6,600	
Gypsum Board	10%			LIFE	* *	5	\$1,100	
Ceilings								
AcousTile,Adhered	5%	Now	\$800	2029	* *	5	\$500	
	Broken/M	issing Elem	ents, Extent : Ligh	t, Area A	ffected : 2%			
	Location	: Locker R	200m					
Exposed Concrete	95%			LIFE	* *	5	\$2,700	
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			

Electrical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts							
Transformers							
Not Accessible	100%						

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 14 SOUTH BRONX STATION

Asset #: 13986

Electrical	Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Transformers									
Dry Type	100%			2041	* *	5			
			xtent : Moderate, A	Area Affe	ected : 100%				
		ı : Electrica							
	Explana	tion : 45 Kv	va Transformer 480	0-208/12	0v				
Raceway									
Conduit	100%			2050	* *	1			
Panelboards									
Molded Case Bkrs	75%			2046	* *	5	\$100		
Molded Case Bkrs	25%		\$1,000	2040	* *	5			
		_	nt : Moderate, Are	a Affecte	ed: 25%				
	Location	ı : Electical	Room						
Wiring									
Thermoplastic	100%			2050	* *	1			
Motor Controllers									
Locally Mounted	100%		\$8,600	2041	* *	5			
			xtent : Moderate, A	Area Affe	ected : 100%				
	Location: Garage Door Opener								
	Explana	tion : Unit :	Subject To Constar	t Use					
Ground									
Grounding Devices									
Not Accessible	100%								
Lighting									
Interior Lighting	1000/			2020	* *	1.0	#2.2 00		
Fluorescent	100%		E	2029		10	\$3,200		
	T-8 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%								
	Location	: Through	out						
Egress Lighting				• • • •					
Emergency, Service	50%			2029	* *	1			
Exit, Service	50%			2029	* *	1			
Exterior Lighting									
HID	100%			2029	* *	10			

Mechanical	C	Current Repair		Future Replacement		Maintenance	
System Component Type	,,,,,	il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution							
Central Plant Steam	100%		2034	* *	4	\$200	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	50%		2029	* *	1	\$600	
Unit Heater - Steam	50%		2029	* *	4	\$200	
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 14 SOUTH BRONX STATION

Asset #: 13986

Mechanical	Current Repai	r Futur	e Replacement	Maintenance					
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Air Conditioning									
Conversion Equipment									
Interior Pkg Unit - Cooling	50%	2025	\$61,200	2	\$100				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Throughout								
	Explanation : Supplied F	rom Hospital							
Window/Wall Unit	50%	2019	\$3,400	1					
Distribution									
Ductwork/Diffusers	100%	LIFE	* *	2	\$4,600				
Plumbing									
H/C Water Piping									
Brass/Copper	100%	2044	* *	1					
Sanitary Piping									
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1					
Fixtures									
Generic	100%								
Fire Suppression									
Fire Pump									
Not Accessible	100%								
Chemical System									
No Component	90%								
Generic	10%	2019	\$200	1-3	\$400				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Throughout								
	Explanation : Fire Exting	guishers							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 15 WILLIAMS BRIDGE STATION

Address : 4109 WHITE PLAINS ROAD BTWN E.229 ST. - E.230 ST.

 $Borough \hspace{1.5cm} : \hspace{.1cm} BRONX \hspace{1.5cm} Agency's \hspace{.1cm} Number \hspace{.1cm} : \hspace{.1cm} N/A$

Area Sq Ft : 5,000 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Apr-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 4832 Lot : 6 BIN : 2087346

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$56,100	
Mechanical	\$36,000	
Total	\$92,100	
Importance Code A	\$36,000	
Importance Code B	\$56,100	
Total	\$92,100	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,000	\$100		
Interior Architecture	\$64,100			\$1,000
Electrical	\$2,000	\$900	\$300	\$5,600
Mechanical	\$8,600	\$600	\$500	\$3,600
Site Pavements	\$4,700			
Total	\$111,400	\$1,600	\$800	\$10,100
Importance Code A	\$32,200	\$300	\$200	\$200
Importance Code B	\$53,500	\$1,200	\$600	\$9,900
Importance Code C	\$25,600			
Total	\$111,400	\$1,600	\$800	\$10,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13987

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior	•			•					
Exterior Walls									
Masonry: Brick	85%	air Fyiden	nt, Extent : Light, A	LIFE	**	5	\$20,700		
	-	: Through	_	rearyje.	. 0070				
Masonry: Limestone	5%			LIFE	* *	5	\$900		
		oair Eviden : Through	nt, Extent : Light, A out	rea Affe	cted : 66%				
Window Wall	5%	0-2	\$2,900	2044	* *	5	\$2,300		
		_	xtent : Moderate, A ir Bulkhead Wall	Area Affe	cted : 5%				
Wood Overhead Doors	5%	2-4	\$3,800	2037	* *	5	\$3,000		
		ssing Elem : Through	ents, Extent : Ligh out	t, Area A	ffected : 10%				
Windows	100/			• • • • •	ale ale	_			
Aluminum	10%	NI	¢200	2040	* *	5	\$100		
Aluminum	10%	Now	\$300 ct, Extent : Modera	2040		5	\$100		
			r Dormitory And L						
Wood	Air Infiltra	Now tion, Exten : Through	\$8,200 at : Moderate, Area	2040 Affected	* * d : 2%	5	\$4,900		
	Deteriorat	_	Extent : Light, Are	a Affecte	d : 2%				
Parapets									
Cast Stone/Terra Cotta			xtent : Light, Area	LIFE Affected	* * !: 100%	5	\$2,700		
	Location: Throughout								
		ion : Not A	ccessible 15' High						
Cast Stone/Terra Cotta	5%	NI	¢14.000	LIFE	* *	5	\$700		
Masonry: Brick	75% Other Obs	Now ervation F	\$14,900 Extent : Severe, Are	LIFE a Affecte		5	\$1,300		
		: Through		u rijjecie	a . 5070				
		ion : Roof	Side Of Brick Para	ıpet Wall	s Coated With Bitt	uminous	Tar Which Is		
Roof									
Built-Up (BUR)	100%		\$1,900	2029	* *				
	_	Evident, Ext : Through	tent : Moderate, Ai out	rea Affec	ted : 20%				
		ervation, E : Through	xtent : Moderate, A	Area Affe	ected : 5%				
		: Inrougn ion : Not A							
erior	ьлрини	ion . Ivoi A	iccessivie						

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13987

Architecture	Current Repair Future Replace		e Replacement	ent Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	50%		\$56,100	LIFE	* *	5	\$19,700	
			xtent : Severe, Ared out Basement	ı Affecte	d : 100%			
Ceramic Tile	5%			2033	* *	5	\$900	
Vinyl Tile	35%	0-2	\$10,700	2029	* *	3	\$2,400	
	Split/Crack Location .		: Moderate, Area L out	Affected	: 25%			
Vinyl Tile	10%			2034	* *	3	\$900	
•	Recent Rep	lace Evide	nt, Extent : Light, .	Area Aff	ected : 100%			
	Location .	Through	out					
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	4%			2033	* *	5	\$800	
Concrete Masonry Unit	20%			LIFE	* *	5	\$1,500	
Gypsum Board	20%	Now	\$1,600	LIFE	* *	5	\$2,300	
	Cracking/C Location .	_	Extent : Moderate out	, Area Aj	ffected : 5%			
Masonry: Brick	20%	2-4	\$14,600	LIFE	* *			
3	Efflorescen	ce, Extent	: Moderate, Area	Affected	: 10%			
	Location .	Through	out Basement					
			: Light, Area Affec out Basement	ted : 5%	Ó			
Plaster	20%	Now	\$3,000	LIFE	* *	5	\$1,100	
			Extent : Moderate		ffected : 5%	-	4-,	
	Location :	_		, ,	J			
	Paint Peelin	ng, Extent	: Moderate, Area	Affected	: 5%			
		_	out Basement.	55				
SGFT/Glazed Masonry	12%	Now	\$1,700	LIFE	* *			
SGI I, Glazea Masomy			Extent : Light, Are		ed : 2%			
	Location .	_	_	33				
Wood	2%			LIFE	* *	5	\$1,500	
11 000		d Finish.	Extent : Moderate,		fected : 5%	5	Ψ1,500	
			t Interior Plank W					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13987

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	5%	4+	\$300	LIFE	* *	5	\$400	
	Paint Peeling, Extent: Moderate, Area Affected: 2%							
	Location	: Through	out					
Gypsum Board	40%	Now	\$3,600	LIFE	* *	5	\$9,000	
7 1	Cracking/C	Crumbling,	Extent : Moderate	, Area A	ffected : 5%			
	Location	: Through	out					
Plaster	40%	Now	\$28,300	LIFE	* *	5	\$4,500	
	Broken/Mi	ssing Elem	ents, Extent : Seve	re, Area	Affected : 30%			
	Location	: 3rd Floo	r Under Roof					
No Component	15%							
1	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location	: Basemen	t Ceiling.					
Site Pavements								
Parking/Driveway								
Asphalt	71%	0-2	\$2,800	2033	* *			
	Cracking/Crumbling, Extent: Light, Area Affected: 10%							
	Location	: Through	out					
Cast in Place Concrete	29%	0-2	\$1,900	2037	* *			
	Cracking/Crumbling, Extent: Light, Area Affected: 10%							
	Location	: Through	out					

lectrical	Current Repair	Future Re	Future Replacement		aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2044	* *	5		
	Other Observation, Extent : Mo	derate, Area Affected	: 100%			
	Location: Basement					
	Explanation: 200 Amperes					
Raceway						
Conduit	100%	2044	* *	1		
Panelboards						
Molded Case Bkrs	100%	2040	* *	5	\$100	
Wiring						
Braided Cloth	30%	2023	\$8,300	1		
Thermoplastic	70%	2044	* *	1		
Motor Controllers						
Locally Mounted	100%	2037	* *	5		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13987

Electrical	Current Repair	Future Replacer		ment Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ground		<u> </u>					
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
	Other Observation, Extent: Modera	ite, Area Affecte	d: 100%				
	Location: Basement						
	Explanation: Water Main						
Stand-by Power							
Transfer Switches							
Automatic	100%	2037	* *	1	\$1,500		
	Other Observation, Extent: Modera Location: Basement	ite, Area Affected	d : 100%				
	Explanation: ATS For Generate	or Back Up For I	Entire Building				
Generators							
Diesel	100%	2033	* *	1	\$1,900		
	Other Observation, Extent: Modera Location: Right Side Of Building	ite, Area Affecte	d : 100%				
	Explanation : Kohler 40 Kw						
Batteries							
Lead/Acid	100%	2019	\$1,500	5	\$200		
Fuel Storage							
Day Tank	100%	2040	* *	5	\$900		
	Other Observation, Extent: Modera	ite, Area Affecte	d: 100%				
	Location: Right Side Of Builidng						
	Explanation : 50 Gallon Saddle To	ınk					
Lighting							
Interior Lighting							
Fluorescent	100%	2032	* *	10	\$4,600		
	T-8 Lamps And Fixtures, Extent: M	oderate, Area A	ffected : 100%				
	Location : Throughout						
Egress Lighting							
Emergency, Battery	50%	2032	* *	10	\$600		
Exit, Service	50%	2029	* *	1			
Exterior Lighting							
HID	100%	2029	* *	10			

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2022	\$36,000	1	\$2,500	
	Other Observation, Extent : Light, Area	Affected	!: 100%			
	Location: Basement					
	Explanation: One Unit					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13987

Mechanical		Current Repair Future Replace		e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Distribution							
Hot Wtr Piping/Pump	100%		2040	* *	4	\$400	
Terminal Devices						*	
Convector/Radiator	95%		2029	**	1	\$1,500	
Fan Coil Unit/Heat	5%		2024	\$3,500	1	\$100	
ir Conditioning							
Energy Source	1000/		20.40	* *	1		
Electricity	100%		2040	* *	1		
Conversion Equipment	0.007		2010	Φ 7 000	1		
Window/Wall Unit	80%	tout . Modonato Anna Afford	2019	\$7,800	1		
		tent : Moderate, Area Affecte : 2nd Floor Unit	ea : 10%				
		. 2na Fioor Onii					
No Component	20%						
lumbing							
H/C Water Piping	1000/		2024	* *	1		
Brass/Copper	100%		2034		1		
Water Heater	1000/		2022	¢2 000	2	¢100	
Gas Fired	100%	ervation, Extent : Light, Area	2022	\$2,900	2	\$100	
		: Basement	Ајјестеи	. 100/0			
		on : 1 - 75 Gallon Unit					
Sanitary Piping	Ехринан	on . 1 - 75 Gation Onti					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIIL		1		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	10070		LII L				
Submersible	100%	Now \$200	2019	\$200	4	\$100	
Submersione		ed Life, Extent : Severe, Area			•	Ψ100	
		: Basement	33				
Backflow Preventer	<u> </u>						
No Component	95%						
Generic	5%		2029	* *	1		
		ervation, Extent : Light, Area		! : 100%			
		: Basement					
	Explanati	on : Serves Boiler Only					
Fixtures							
Generic	100%						
	Obsolete F	ixtures, Extent : Moderate, A	rea Affe	cted : 100%			
	Location	: Throughout					
ire Suppression							
Sprinkler							
No Component	80%						
Generic	20%		2034	* *	1-2	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 15 WILLIAMS BRIDGE STATION

Asset #: 13987

Mechanical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Chemical System	000/					
No Component	90%					
Generic	10%	2022	\$200	1-3	\$400	
	Other Observation, Extent : Light,	Area Affected: 100	0%			
	Location: Throughout					
	Explanation: Fire Extinguishers	S				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 16 HARLEM STATION
Address : 524 LENOX AVE. @ HARLEM HOSPITAL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSEMS.016 / 13985 Yr Built/Renovated : 1959 /

Area Sq Ft : 3,500 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Mar-2013 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 1731 Lot : 1 BIN : 1082168

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$137,500
Electrical		\$36,200
Total		\$173,700
Importance Code B		\$173,700
Total		\$173,700

FY 2019 FY 2020 FY 2021 **EXPENSE** FY 2022 Interior Architecture \$44,200 \$11,500 Electrical \$200 \$200 \$300 \$300 Mechanical \$100 \$300 Total \$44,500 \$300 \$600 \$11,800 Importance Code B \$44,500 \$300 \$600 \$11,400 Importance Code C \$500 **Total** \$44,500 \$300 \$600 \$11,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13985

Architecture		Current Repair		Futur	Future Replacement		Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Terrazzo	10%	0-2	\$16,700	LIFE	* *	5	\$1,400	
	Cracking/	Crumbling,	Extent: Light, Are	ea Affect	ed : 30%			
	Location	: Through	out					
Vinyl Tile	90%	0-2	\$27,500	2024	\$137,500	3	\$6,100	
•	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 20%			
	Location	: Through	out					
Interior Walls								
Ceramic Tile	5%			2027	\$25,800	5	\$900	
Glass: Single Pane	5%			LIFE	* *	5	\$700	
Marble Panels	5%			LIFE	* *			
Plaster	85%			LIFE	* *	5	\$4,800	
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	\$18,000	

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Molded Case Bkrs	100%	2032	* *	5	\$100	
Wiring						
Thermoplastic	100%	2034	* *	1		
Lighting						_
Interior Lighting						
Fluorescent	100%	2024	\$9,500	10	\$3,200	
	Other Observation, Extent : M	Ioderate, Area Affe	cted : 100%			
	Location : Throughout EMS	Area - 1st Floor				
	Explanation: T-8 Fixtures Is	n Use				
Egress Lighting						
Emergency, Service	50%	2024	\$900	1		
Exit, Service	50%	2029	* *	1		
Exterior Lighting						
HID	100%	2024	\$13,200	10		
Alarm						
Security System						
No Component	70%					
Generic	30%	2024	\$3,200	1	\$400	
Fire/Smoke Detection						
Generic	100%	2024	\$36,200	1-3	\$2,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13985

Mechanical		Current Repair Futur			M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
HTHW/HW	25%		2034	* *	1		
		servation, Extent : Moderate, A	Area Affe	ected : 100%			
		: Throughout					
N. C		tion : Supplied From Harlem	Hospitai				
No Component	75%						
Distribution Hot Wtr Piping/Pump	25%		2032	* *	4	\$100	
No Component	25% 75%		2032		4	\$100	
Terminal Devices	7370						
Convector/Radiator	25%		2037	* *	1	\$300	
No Component	75%		_00,		-	Ψ200	
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	25%		2029	* *	2	\$100	
Cooling	0401.		1.00	1 1000/			
		servation, Extent : Light, Area	Affected	: 100%			
	Location	a : Hospital Roof	Affected	: 100%			
No Component	Location Explana	a : Hospital Roof tion : No Access	Affected	: 100%			
No Component	Location	a : Hospital Roof tion : No Access	Affected	: 100%			
Distribution	Location Explana 75%	a : Hospital Roof tion : No Access		**	2	\$1 100	
Distribution Ductwork/Diffusers	Location Explana 75%	a : Hospital Roof tion : No Access	Affected		2	\$1,100	
Distribution	Location Explana 75%	a : Hospital Roof tion : No Access			2	\$1,100	
Distribution Ductwork/Diffusers No Component	Location Explana 75%	a : Hospital Roof tion : No Access			2	\$1,100	
Distribution Ductwork/Diffusers No Component Ventilation	Location Explana 75%	n : Hospital Roof tion : No Access			2 2	\$1,100 \$100	
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing	Location Explana. 75% 25% 75%	n : Hospital Roof tion : No Access	LIFE	**			
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping	Location Explana. 75% 25% 75% 100%	n : Hospital Roof tion : No Access	LIFE 2024	* * \$5,400	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper	Location Explana. 75% 25% 75%	n : Hospital Roof tion : No Access	LIFE	**			
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping	Location Explana. 75% 25% 75% 100%	n : Hospital Roof tion : No Access	LIFE 2024 2044	** \$5,400 **	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping Cast Iron	Location Explana. 75% 25% 75% 100%	n : Hospital Roof tion : No Access	LIFE 2024	* * \$5,400	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping Cast Iron Storm Drain Piping	Location Explana. 75% 75% 75% 100% 100%	n : Hospital Roof tion : No Access	LIFE 2024 2044	** \$5,400 **	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping Cast Iron Storm Drain Piping Not Accessible	Location Explana. 75% 25% 75% 100%	n : Hospital Roof tion : No Access	LIFE 2024 2044	** \$5,400 **	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping Cast Iron Storm Drain Piping Not Accessible Fixtures	Location Explana 75% 25% 75% 100% 100% 100%	n : Hospital Roof tion : No Access	LIFE 2024 2044	** \$5,400 **	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping Cast Iron Storm Drain Piping Not Accessible Fixtures Generic	Location Explana. 75% 75% 75% 100% 100%	n : Hospital Roof tion : No Access	LIFE 2024 2044	** \$5,400 **	2		
Distribution Ductwork/Diffusers No Component Ventilation Exhaust Fans Roof Plumbing H/C Water Piping Brass/Copper Sanitary Piping Cast Iron Storm Drain Piping Not Accessible Fixtures	Location Explana 75% 25% 75% 100% 100% 100%	n : Hospital Roof tion : No Access	LIFE 2024 2044	** \$5,400 **	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 17 HIGH BRIDGE STATION
Address : 1080 OGDEN AVE. BTWN E.165 ST - E.166 ST

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 5,000 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 2514 Lot : 9 BIN : 2003255

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$44,000	
Interior Architecture	\$131,000	\$61,100
Electrical		\$104,200
Total	\$174,900	\$165,300
Importance Code A	\$44,000	
Importance Code B	\$131,000	\$165,300
Total	\$174,900	\$165,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$600			
Interior Architecture	\$87,200			\$900
Electrical	\$40,500	\$300	\$300	\$15,200
Mechanical	\$800	\$800	\$700	\$1,200
Total	\$129,100	\$1,200	\$1,100	\$17,300
Importance Code A	\$1,100	\$500	\$500	\$500
Importance Code B	\$102,100	\$700	\$600	\$16,800
Importance Code C	\$25,800			
Total	\$129,100	\$1,200	\$1,100	\$17,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13988

Architecture	Current Repair Future Replacement			Maintenance				
ystem Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	700/			2054	* *	10	\$5.200	
Alum/Vinyl Siding		olace Evident, E : Throughout	Extent : Light,	2054 Area Affa		10	\$5,300	
Masonry: Brick	Cracking/o Location Loose/Del	Now Crumbling, Exte : Entry Facade am Surface, Ext : At Entry	?			5	\$7,300	
Windows								
Aluminum	_	olace Evident, E : Throughout	Extent : Light,	2049 Area Affa	* * ected : 100%	5	\$1,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,300	
Masonry: Brick	90%			LIFE	* *	5	\$1,600	
Roof Modified Bitumen		tallation, Exten : Throughout	t : Light, Arec	2034 a Affected	**	10	\$8,100	
terior								
Floors Cast in Place Concrete	_	0-2 Crumbling, Exte : Throughout	\$30,800 ent : Severe, A	LIFE area Affec	* * ted : 60%	5	\$21,700	
Ceramic Tile	5%			2033	* *	5	\$900	
Vinyl Tile	Broken/Mi Location Split/Crac	Now ssing Elements, 2nd, 3rd Flooked, Extent: Se 2nd, 3rd Floo	ors vere, Area Afj	2024 ere, Area		3	\$2,700	
Interior Walls								
Ceramic Tile	_	0-2 Crumbling, Exte : Throughout	\$25,800 ent : Severe, A	2033 Area Affec	* * ted : 30%	5	\$2,300	
Gypsum Board	20%			LIFE	* *	5	\$2,300	
Masonry: Fieldstone	15%			LIFE	* *			
Plaster	40%			LIFE	* *	5	\$2,300	
Ceilings Embossed Metal		0-2 ssing Elements, : Throughout	\$44,200 Extent : Mod	LIFE lerate, Ar	* * ea Affected : 20%	5	\$5,700	
Exposed Concrete	Exposed R	Now einforcement, E : Basement Cei		LIFE e, Area A <u>j</u>	* * fected : 40%	5	\$800	

Site Enclosure

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13988

Architecture	Current Repair	Future Repla	cement	Ma	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estima FY		Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure						
Fence/Gates						
Chain link	100%	2044	* *			
Site Pavements						
Parking/Driveway						
Asphalt	100%	2039	* *			

Electrical	Curr	Current Repair Future Replaceme		e Replacement	ement Maintenance		
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2024	\$4,800	5		
		on, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: In F						
	Explanation : 1	- 200 Amperes Service					
Raceway							
Conduit	90%		2024	\$28,200	1		
Conduit	10%		2034	* *	1		
Panelboards	4000/		• • • •	***	_	4100	
Molded Case Bkrs	100%		2023	\$38,500	5	\$100	
Wiring	000/		• • • •				
Thermoplastic	80%		2024	\$22,200	1		
Thermoplastic	20%		2034	* *	1		
Motor Controllers							
Locally Mounted	100%		2022	\$14,400	5		
round							
Grounding Devices	1000/			ماد ماد	_	#100	
Generic	100%		LIFE	* *	5	\$100	
tand-by Power							
Transfer Switches	1000/		2020	* *	1	Φ1. 5 00	
Automatic	100%	Γ . M I .	2029		1	\$1,500	
	Location : Froi	on, Extent : Moderate, A	<i>Area А</i> ฏе	естеа : 100%			
Comment	Explanation : A	sco Type Switch					
Generators Diesel	100%		2027	\$45.700	1	¢1 000	
Diesei		on, Extent : Moderate, A		\$65,700	1	\$1,900	
		m, Extent . Moderate, I side Rear Of Building	<i>агеа Ауј</i> е	eciea . 100%			
		Riae Kear Of Bunaing 31 Kva Unit - Onan Cur	umina Ti	an a			
Batteries	Explanation . c	1 Kva Onii - Onan Cur	nmins 1)	ре			
Lead/Acid	100%		2019	\$1,500	5	\$200	
Fuel Storage	10070		2019	\$1,500	3	\$200	
Day Tank	100%		2032	* *	5	\$900	
Day Tank		on, Extent : Moderate, A			3	\$900	
		m, Extent . Moderate, I side Rear Of Building	пен Аује	cieu . 100/0			
	Explanation: 6	-					
	Ехріананоп : С	o Ganon Tank					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13988

lectrical	Current Repair	Futui	Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ghting						
Interior Lighting						
Fluorescent	100%	2019	\$13,500	10	\$4,600	
	T-12 Lamps And Fixtures, Extent: Mod	lerate, Ai	rea Affected : 100%	ó		
	Location: Throughout					
Egress Lighting						
Emergency, Service	50%	2019	\$1,200	1		
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Throughout The Building					
	Explanation: Main Power Fixtures					
Exit, Service	50%	2019	\$300	1		
•	Other Observation, Extent : Moderate, Area Affected : 100%					
	Location: Throughout The Building					
	Explanation: Main Power Fixtures					
Exterior Lighting						
HID	100%	2019	\$18,900	10		

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Steam Boiler	100%	2041	* *	1	\$5,000	
	Other Observation, Extent: Light, Are	a Affected :	: 100%			
	Location: Basement					
	Explanation: One Unit					
Distribution						
Central Plant Steam	100%	2044	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2029	* *	1	\$1,600	
	Other Observation, Extent : Moderate	, Area Affec	eted : 100%			
	Location: Throughout					
	Explanation : Cast Iron Radiators, C	ne Pipe Sy.	stem			
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment						
Window/Wall Unit	50%	2023	\$4,900	1		
No Component	50%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2023	\$2,900	2	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13988

Mechanical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent : Severe, A	rea Affected : 1	100%			
	Location: Throughout					
Fire Suppression						
Sprinkler						
Not Accessible	100%					
Chemical System						
No Component	80%					
Generic	20%	2022	\$400	1-3	\$800	
	Other Observation, Extent : Light, A	rea Affected : 1	00%			
	Location: Throughout					
	Explanation: Fire Extinguishers					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 18 BATHGATE STATION

Address : 1647 WASHINGTON AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSEMS.018 / 13707 Yr Built/Renovated : 2002 /

Area Sq Ft : 5,990 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2905 Lot : 30 BIN : 2817123

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$66,800
Electrical		\$61,900
Mechanical		\$62,300
Total		\$191,000
Importance Code A		\$129,100
Importance Code B		\$61,900
Total		\$101,000

Total \$191,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,100	\$1,900		
Interior Architecture	\$200	\$1,000	\$300	\$200
Electrical	\$2,600	\$800	\$900	\$900
Mechanical	\$100	\$500	\$3,600	\$500
Total	\$24,000	\$4,200	\$4,700	\$1,600
Importance Code A	\$21,200	\$2,300	\$100	\$400
Importance Code B	\$2,800	\$1,800	\$4,600	\$1,100
Importance Code C			\$100	
Total	\$24,000	\$4,200	\$4,700	\$1,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13707

Architecture	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Masonry: Brick	75%	LIFE	* *	5	\$5,300	
	Efflorescence, Extent : Light, Area Affa Location : West Facade	ected : 5%				
Metal Panel	2%	2049	* *	5-10	\$1,000	
Metal Sect. OHD	13%	2040	* *	5	\$2,900	
Pre-Cast Concrete	10%	LIFE	* *	5	\$2,300	
	Vertical Cracks, Extent : Light, Area A		ó		, ,	
	Location: Throughout Black Colored					
Windows						
Aluminum	100%	2045	* *	5	\$900	
	Other Observation, Extent: Moderate,	Area Affecte	ed: 100%			
	Location : Throughout					
	Explanation: With Heavy Duty Scree	ens On Exter	ior Side			
Parapets						
Masonry: Brick	95%	LIFE	* *	5	\$700	
Pre-Cast Concrete	5% Now \$400	LIFE	* *	5	\$200	
	Jnt Mortar Miss/Erod, Extent: Modera	ate, Area Affe	ected : 25%			
	Location: Coping					
	Open Joints, Extent : Moderate, Area	Affected: 259	%			
	Location: Coping					
Roof						
Modified Bitumen	100% Now \$20,000	2028	\$66,800			
	Blisters, Extent : Moderate, Area Affect	ted : 25%				
	Location: Upper Roof					
	Seams Open/Split, Extent : Moderate, A	Area Affectea	l : 25%			
	Location: Upper Roof					
nterior						
Floors						
Cast in Place Concrete	75%	LIFE	* *	5	\$13,200	
Ceramic Tile	5%	2036	* *	5	\$400	
Vinyl Tile	20%	2031	* *	3	\$800	
Interior Walls						
Ceramic Tile	5%	2036	* *	5	\$200	
Concrete Masonry Unit	75%	LIFE	* *	5	\$1,000	
Gypsum Board	20%	LIFE	* *	5	\$400	
	Other Observation, Extent: Moderate,	Area Affecte	ed: 20%			
	Location : Lower Section Of Walls					
	Explanation: Protected With Steel P	lates				
Ceilings						
AcousTileSusp.Lay-In	25%	2040	* *	5	\$2,000	
Exposed Struc: Steel	75%	LIFE	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13707

Electrical	Current Repair	Future Replacer	nent	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated FY	Cy (Y	cle Estimated Cost rs)	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Mo Location : Electrical Room Explanation : Main Service St		** 5		
Switchgear / Switchboard Fused Disc Sw	100%	2043	** 5		
Raceway Conduit	100%	2043	** 1		
Panelboards Fused Disc Sw Molded Case Bkrs	20% 80%	2039 2039	** 5 ** 5		
Wiring Thermoplastic	100%	2043	** 1		
Motor Controllers Locally Mounted	100%	2036	** 5		
Ground Grounding Devices Not Accessible	100% Other Observation, Extent: Lig Location: Explanation: Covered With I				
Stand-by Power Transfer Switches Automatic	100%	2036	** 1	\$1,800	
Generators Diesel	100% Other Observation, Extent : Mo Location : Outside	2032	** 1		
	Explanation : Diesel Generate	or Rated @ 40 Kw			
Batteries Lead/Acid	100%	2019 \$	1,500 5	\$200	
Fuel Storage Main Tank	100% Other Observation, Extent: Mo Location: Outside		** 5 %	\$200	
Lighting Interior Lighting Fluorescent	Explanation: 50 Gallon Capa 100% Other Observation, Extent: Mac Location: Throughout The Bu Explanation: T-8 Lamps	2028 \$1 derate, Area Affected : 100%	4,600 10	\$4,900	
Egress Lighting Emergency, Service Exit, LED	50% 50%	2028 \$ 2051	1,300 1 ** 1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13707

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
HID	100%	2028	\$22,600	10		
Alarm						
Fire/Smoke Detection						
Generic	100%	2028	\$61,900	1-3	\$3,800	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location : 1st Floor					
	Explanation: Manual Pull Station, St	trobe Ligh	ts And Alarm Bell	s		

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Furnace	30%	2028	\$3,500	1	\$800	
	Other Observation, Extent : Light, Are	a Affected : 1	00%			
	Location: Roof					
	Explanation: 1 Natural Gas Fired P	ackaged Roof	Top Unit			
Radiant Heater	70%	2028	\$62,300	2	\$1,700	
	Other Observation, Extent: Light, Are	a Affected : 1	00%			
	Location: Garage					
	Explanation: 3 Natural Gas Fired S	pace Heaters				
Terminal Devices						
Fan Coil Unit/Heat	10%	2028	\$7,500	1	\$200	
	Other Observation, Extent : Light, Are	a Affected : 1	00%			
	Location : Vestibule					
	Explanation: Electric Cabinet Unit	Heater				
No Component	90%					
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Ext Pkg Unit -	30%	2028	\$18,900	2	\$100	
Heating/Cooling						
No Component	70%					
Ventilation						
Distribution	1000/					
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,000	
Exhaust Fans				_		
Roof	60%	2028	\$5,000	2	\$100	
Wall Unit	40%	2028	\$700	2	\$100	
Plumbing						
H/C Water Piping	1000/	20.42	ماد مال			
Brass/Copper	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13707

Mechanical	C	Current Repair	Futu	re Replacement	M	aintenance	
System Component Type		ail Date Estimate (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Water Heater							
Gas Fired	100%		2021	\$3,100	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures				_			•
Generic	100%						
	Low Consum	ption Fixtures, Ext	ent : Moderate,	Area Affected : 100	%		
	Location:	Men And Women T	oilet Rooms				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 19 (FORMER ENGINE CO. 75)
Address : 2285 JEROME AVENUE @ E. 183 STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 6,495 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2

Block : 3197 Lot : 33 BIN : 2014235

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$132,900
Total		\$132,900
Importance Code B		\$132,900
Total		\$132,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,700	\$800		
Interior Architecture	\$8,300			\$2,800
Electrical	\$12,100	\$800	\$900	\$900
Mechanical	\$600	\$700	\$600	\$10,900
Total	\$38,800	\$2,300	\$1,600	\$14,600
Importance Code A	\$18,000	\$1,100	\$300	\$300
Importance Code B	\$20,200	\$1,200	\$1,300	\$14,300
Importance Code C	\$600			
Total	\$38,800	\$2,300	\$1,600	\$14,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13399

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick	Diagonal	Now Cracks, Ext a: West Fac	\$10,400 tent : Moderate, Ar cade	LIFE rea Affec	* * ted : 5%	5	\$3,400	
		urfaces, Ext a : West Fac	ent : Moderate, Ar cade	ea Affec	ted : 50%			
Masonry: Brick	45%			LIFE	* *	5	\$5,200	
Metal Sect. OHD	20%			2029	* *	5	\$7,200	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,900	
Windows	1000/			20.40	* *	-	Ø1.700	
Aluminum	100%			2040	* *	5	\$1,500	
Parapets Masonry: Brick		Now Cracks, Ext	\$2,300 tent : Moderate, Ar	LIFE rea Affec	* * ted : 10%	5	\$100	
Pre-Cast Concrete	5%		ade	LIFE	* *	5	\$100	
Not Accessible	Location	servation, E n : Roof Acc	Extent : Light, Area cess Access Was Locke		!: 0%			
Roof				<u></u>				
Modified Bitumen	Miss/Dam	Now aged Flash a: Over Fir	\$1,400 ings, Extent : Mod st Floor	2029 erate, Ar	* * rea Affected : 20%			
Not Accessible	Location	servation, E n : Roof Acc	Extent : Light, Area cess Access Was Locke		1:0%			
Interior Floors								
Cast in Place Concrete	55%			LIFE	* *	5	\$10,500	
Ceramic Tile	10%			2027	\$16,900	5	\$900	
Vinyl Tile	Broken/M Location Cracking/	: Through	Extent : Moderate			3	\$1,100	
Interior Walls								
Ceramic Tile	10%			2033	* *	5	\$400	
Concrete Masonry Unit				LIFE	* *	5	\$100	
Gypsum Board	10%			LIFE	* *	5	\$200	
Masonry: Brick	10%	No	\$ 600	LIFE	* *	<i>-</i>	¢100	
Plaster	Cracking/	Now Crumbling, 1: At East B	\$600 Extent : Moderate Entrance	LIFE , Area A		5	\$100	
Plaster	50%			LIFE	* *	5	\$500	
1 145101	2070			ъщъ		<i>J</i>	ψυσου	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13399

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%			2037	* *	5	\$3,900	
Embossed Metal	50%			LIFE	* *	5	\$2,000	
Exposed Concrete	5%			LIFE	* *	5	\$100	
Site Enclosure								
Free Standing Walls								
Concrete Masonry Unit	100%			2044	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2024	\$4,800	5			
	Other Observation, Extent : Mod	lerate, Area Affec	ted : 100%				
	Location: Basement						
	Explanation: Main Service Sw	ritch Rated @ 600	Amperes				
Raceway							
Conduit	100%	2034	* *	1			
Panelboards							
Fused Disc Sw	20%	2032	* *	5			
Molded Case Bkrs	80%	2032	* *	5	\$100		
Wiring							
Thermoplastic	100%	2034	* *	1			
Motor Controllers							
Locally Mounted	100%	2029	* *	5			
Ground							
Grounding Devices							
Generic	100% 2-4 \$9	9,500 LIFE	* *	5	\$100		
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: Basement						
	Explanation: Corroded						
Stand-by Power							
Transfer Switches							
Automatic	100%	2029	* *	1	\$2,000		
Generators							
Diesel	100%	2027	\$65,700	1	\$2,500		
	Other Observation, Extent : Mod	lerate, Area Affec			. ,		
	Location : Outside	. 33					
	Explanation: Emergency Gene	erator Rated @ 40) Kw				
-	Explanation . Emergency Gene	ruioi Ruieu & 40	/ KW				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13399

Electrical	Current Repair Future Replacement		Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$200	
Fuel Storage						
Main Tank	100%	2039	* *	5	\$200	
	Other Observation, Extent : M	Aoderate, Area Affe	ected : 100%			
	Location : Outside					
	Explanation : No Available	Nameplate Rating	Capacity			
Lighting						
Interior Lighting						
Fluorescent	100%	2024	\$15,800	10	\$5,300	
	T-8 Lamps And Fixtures, Exte	ent : Moderate, Are	a Affected : 100%			
	Location: Throughout The	Building				
Egress Lighting						
Emergency, Service	50%	2024	\$1,400	1		
Exit, LED	50%	2039	* *	1		
Exterior Lighting						
HID	100%	2024	\$24,500	10		
Alarm						
Fire/Smoke Detection						
Generic	100%	2024	\$67,200	1-3	\$4,000	
	Other Observation, Extent: Moderate, Area Affected: 100%					
	Location: Throughout The	Building				
	Explanation: Manual Pull	Station, Strobe Ligh	hts, Smoke Detecto	rs		

Mechanical	Current F	Repair Fu	uture	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Ye		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%	20	34	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	20:	29	* *	1	\$2,900	
	Other Observation, E	Extent : Light, Area Affec	cted	: 100%			
	Location: Basemen	nt .					
	Explanation: 1 Uni	it					
Distribution							
Hot Wtr Piping/Pump	100%	20	32	* *	4	\$400	
Terminal Devices							
Convector/Radiator	60%	20	29	* *	1	\$1,100	
Unit Heater - Steam	40%	20:	24	\$7,800	4	\$300	
Air Conditioning							
Energy Source							
Electricity	100%	20:	32	* *	1		
Conversion Equipment							
Window/Wall Unit	60%	20:	22	\$6,800	1		
No Component	40%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13399

lechanical	Current Repair	Future Re	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation						
Distribution						
Ductwork/Diffusers	40%	LIFE	* *	2-5	\$1,300	
No Component	60%					
Exhaust Fans						
Wall Unit	30%	2032	* *	2	\$100	
No Component	30%					
Not Accessible	40%					
umbing						
H/C Water Piping						
Brass/Copper	100%	2044	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,300	2	\$100	
	Other Observation, Extent : Light	t, Area Affected : 10	0%			
	Location: Basement					
	Explanation: 1 - 80 Gallon Uni	it Used With Solar U	Init			
HW Heat Exchanger						
Steam Fired	100%	2050	**	4	\$600	
	Other Observation, Extent : Light	t, Area Affected : 10	0%			
	Location: Roof/Basement					
	Explanation : Solar					
Sanitary Piping	1000/		* *			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping			de de			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/ 0.5				4400	
Non-Submersible		200 2024	\$900	4	\$100	
	Corroded, Extent: Severe, Area	Affected : 10%				
	Location : The Housing					
	Other Observation, Extent : Light	t, Area Affected : 10	0%			
	Location: Basement					
	Explanation : Dual Unit					
Backflow Preventer	1000/	2020			* * * * *	
Generic	100%	2029	* *	1	\$400	
Fixtures	1000/					
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 20 MORRIS PARK STATION

Address : JACOBI HOSPITAL 1410 PELHAM PARKWAY SOUTH

Borough : BRONX Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \quad FIRSEMS.020 \, / \, 13990 \qquad \qquad Yr \, Built/Renovated \quad : \quad$

Area Sq Ft : 12,500 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 4205 Lot : 1 BIN : 2097552

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$356,100	\$57,800
Interior Architecture	\$40,200	
Electrical		\$129,200
Mechanical	\$140,000	
Site Pavements	\$331,300	
Total	\$867,600	\$187,100
Importance Code A	\$356,100	\$57,800
Importance Code B	\$140,000	\$129,200
Importance Code C	\$371,500	
Total	\$867,600	\$187,100

Total	\$147,100	\$1,500	\$1.800	\$2,500
Importance Code C	\$37,400			
Importance Code B	\$70,400	\$1,500	\$1,800	\$2,500
Importance Code A	\$39,300			
Total	\$147,100	\$1,500	\$1,800	\$2,500
Site Pavements	\$35,000			
Mechanical	\$13,700	\$400	\$400	\$800
Electrical	\$18,400	\$1,200	\$1,200	\$1,600
Interior Architecture	\$40,700		\$300	\$200
Exterior Architecture	\$39,300			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 20 MORRIS PARK STATION

Asset #: 13990

rchitecture	Current Repair	Future Replacement Maintenance		Current Repair Future Replacement		nce		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estima (Yrs)	ated Cost Priority				
terior								
Exterior Walls	050/ N	TIFE **	5	ΦΩ 1ΩΩ				
Masonry: Brick	85% Now \$122,300	LILL	5	\$8,100				
	Broken/Missing Elements, Extent: Seve Location: At Entry Doors, Flag Pole		Underside Of W	lindow				
	Sills	Anchors, Bullaing Corners,	, Onderside Of W	indow				
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%							
	Location: Throughout							
	Loose/Delam Surface, Extent : Severe, A	Area Affected : 30%						
	Location : At Entry Doors, Flag Pole Anchors, Building Corners, Underside Of Window Sills							
	Staining/Discoloring, Extent: Moderate, Area Affected: 50%							
	Location: Lower Half Of All Facades							
	Vegetation Growth, Extent : Severe, Area Affected : 20%							
	Location: East Elevation And At Base Of Building - Perimeter Entire							
	Water Penetration, Extent: Moderate, Area Affected: 35%							
	Location: At Base Of North And East Perimeter Walls - Seeps Through From Exterior							
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Northern Half Of Building	os In Portion Of Puilding F	ntina					
M-4-1 D-11-1	Explanation: The Ems Facility Reside			¢1 000				
Metal Panel	10% Now \$700 Deformed/Dented, Extent: Moderate, A	rea Affected : 20%	5	\$1,800				
	Location: At Building Corners And W							
	Seams Open/Split, Extent: Moderate, A Location: At Building Corners And W							
M (1 C 'II' D			-	Φ 7 00				
Metal Coiling Doors	5% Now \$27,100 Deformed/Dented, Extent : Moderate, A	2040	5	\$700				
	Location: Panel Of Door And At Doo	==						
Windows	Lecturon . I there of Door that At Doo	. 1.400						
Aluminum	100% Now \$113,300	2053 **	5	\$1,400				
	Air Infiltration, Extent : Severe, Area A			,				
	Location : Windows - East Elevation							
	Glazing Broken/Cracked, Extent: Severe, Area Affected: 20%							
	Location: Observed Within Apparatus Floor And East Side Of Building - Assumed							
	Throughout							
	Unit Inoperable, Extent: Severe, Area Affected: 30% Location: Observed Within Apparatus Floor And East Side Of Building - Assumed							
	Location : Observed Within Apparatus Floor And East Side Of Building - Assumed Throughout							
	Other Observation, Extent: Severe, Are	a Affected : 100%						
	Location : Observed Within Apparatus Floor And East Side Of Building - Assumed Throughout							
	Explanation : All Windows Are At The	End Of Their Useful Life						

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13990

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori	
xterior									
Roof	1000/	3.7	#11.600	2020	Φ .7.7 .000				
Modified Bitumen		Now	\$11,600 iss, Extent : Severe	2028	\$57,800				
			heeting Over Soffit		•				
			xtent : Light, Area						
		ı : Roof Eni		пуссиси	. 10070				
		· ·	are ctent : Moderate, A	rea Affeo	eted : 20%				
	-	•	le Of Roof - Observ						
			Extent : Moderate, 1						
						Room			
	Location : Roof Penetrations And North East Corner Of Storage Room Other Observation, Extent : Light, Area Affected : 100%								
	Location: Roof Entire								
	Explana	tion : Cond	lition Of Roof Obse	rved Fra	om Ground Plane.	No Acces	s Hatch Available		
Soffits	• • • •			• • • •		- 10	444.400		
Metal Panel	30%		¢120.500	2038	* *	5-10	\$12,300		
Stucco Cement	70%		\$120,500	2048		5	\$5,200		
	_	_	Extent : Moderate Locations On The	-	-	ffit			
			e, Extent : Severe, 1		-	y i i			
			e, Extent . Severe, 1 e Of Building	пец Аује	ciea . 2570				
			, Extent : Moderate	, Area A	ffected : 50%				
	_	_	e Of Water Saturat	_	· -	Soffits			
terior									
Floors									
Cast in Place Concrete	87%		\$15,000	LIFE	**	5	\$31,700		
			Extent : Light, Ar						
			Locations At Perin						
Ceramic Tile	3%		01.400	2031	* *	5	\$500		
Vinyl Tile		Now	\$1,400	2033		3	\$600		
		issing Eiem 1 : Dispatch	nents, Extent : Mod n Offices	erate, Ar	еа Ајјестеа : 15%				
Interior Walls	Locuitor	i . Disputer	i Ojjices						
Ceramic Tile	5%	Now	\$900	2031	* *	5	\$300		
Columno The			nents, Extent : Seve		Affected : 5%	5	Ψ500		
		_	is At Shower Stalls						
Gypsum Board	55%	Now	\$1,500	LIFE	* *	5	\$4,300		
Зурвин Воши			Extent : Moderate		ffected : 10%	5	Ψ1,500		
			is At Shower Stalls						
SGFT/Glazed Masonry	40%	Now	\$40,200	LIFE	* *				
2 21 1. 31a20a 11a30111y	Broken/Missing Elements, Extent: Severe, Area Affected: 15%								
	Location: Apparatus Floor - At Columns, Wall Openinge - At Entry Doors								
	Water Penetration, Extent: Moderate, Area Affected: 35%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13990

Architecture		Current R	epair	Futur	e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Ceilings										
Plaster		Now	\$21,800	LIFE	* *	5	\$10,400			
	_	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%								
			iling Meets Wall							
			tent : Moderate, A				4.5			
	Location	: At Exhaus	t Hood In Appara	tus Floo	r And North East	Corner O	f Storage Room			
Site Enclosure										
Fence/Gates	1000/			2020	* *					
Chain link	100%			2038	* *					
Site Pavements										
On-Site Walkways	1000/	N I	¢12 (00	2040	* *					
Cast in Place Concrete		Now	\$12,600	2048						
	· ·		ent : Severe, Ared Walkways At But							
D 1' /D'	Location	i . Ferimeier	waikways Ai Bui	iaing An	a Farking Loi					
Parking/Driveway	100/	Now	\$22,500	2043	* *					
Asphalt			\$22,300 Extent : Moderate							
	· ·		extent . Moderate et Portion Of Lot	, Агеи Ај	ijeciea . 2070					
G NI G				20.40	* *					
Cast in Place Concrete		Now	\$331,300	2048						
	Cracking/Crumbling, Extent: Severe, Area Affected: 25%									
	Location: At Apron And Approach To Overhead Entry Door									
	Ponding, Extent: Severe, Area Affected: 35%									
	Location : Access Road To Apparatus Floor Sinking/Subsiding, Extent : Moderate, Area Affected : 30%									
				rea Affec	ctea : 30%					
	Location	: Througho	ut Parking Area							

lectrical		Current R	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Raceway								
Conduit	100%			2028	\$31,300	1		
Panelboards								
Fused Disc Sw	20%			2027	\$7,700	5	\$100	
Molded Case Bkrs	80%			2027	\$30,800	5	\$300	
Wiring								
Braided Cloth	20%	2-4	\$5,500	2053	* *	1		
	Insulation	Aged, Exten	t : Severe, Area A	ffected :	100%			
	Location	: Througho	ut The Building					
Thermoplastic	80%			2028	\$22,200	1		
Motor Controllers								
Locally Mounted	100%			2026	\$14,400	5	\$100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13990

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting	1000/		444	4.0	44.5 00	
Fluorescent	100%	2023	\$33,900	10	\$11,500	
	T-8 Lamps And Fixtures, Extent: Mode	erate, Area	Affected: 100%			
	Location: Throughout The Building					
Egress Lighting						
Exit, Service	100%	2023	\$1,400	1		
Alarm						
Security System						
Generic	100%	2036	* *	1	\$4,700	
	Other Observation, Extent : Light, Area	a Affected :	10%			
	Location : Cctv Surveillance Camera	In The Fro	nt And Back Of T	he Build	ling.	
	Explanation: CCTV Surveillance Ca	mera	·			
Fire/Smoke Detection						
Generic, Digital	100%	2028	\$129,200	1-3	\$7,900	
, 8	Other Observation, Extent: Moderate,		. ,		4 . ,	
	Location: Throughout The Building	33				
	Explanation: Strobe Lights, Manual	Pull Station	a And Horns			

Mechanical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Plant Campus Steam / PRV	80%			2038	* *	1		
			tent : Moderate, A	Area Affe	cted : 100%			
		: Hospital (on : Steam	=	Adjacen	nt Building No. 7 -	Storehou	ise	
No Component	20%							
Distribution Central Plant Steam Piping/Pmp	80%	Now	\$7,900	2038	* *	4	\$500	
т іршул іпр			Severe, Area Affe Garage Door, 1st		00%			
No Component	20%							
Terminal Devices Fan Coil Unit/Heat		0-2 ed Life, Exte : Througho	\$140,000 ent : Severe, Area ut	2038 Affected	**	1	\$2,900	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	50%			2044	* *	1		
No Component	50%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13990

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2023	\$7,300	1		
No Component	70%							
Ventilation								
Exhaust Fans								
Interior	20%			2033	* *	2	\$100	
No Component	80%							
Plumbing								
H/C Water Piping	1000/	3.7	# 4 400	2020	* *			
Brass/Copper		Now	\$4,400	2038		1		
		ent, Extent : Bathrooi	: Moderate, Area A n	Affected :	10%			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$1,200	LIFE	* *	1		
	Blockage /	Clogged, E	Extent : Moderate,	Area Affe	cted : 5%			
	Location	: Gutters						
Sump Pump(s)								
Submersible	100%			2022	\$400	4	\$400	
			xtent : Light, Area	ı Affected	: 100%			
	Location	: 1st Floor	•					
	Explana	tion : 2 Uni	its					
Fixtures								
Generic	100%							
		Fixtures, Ex : Through	ctent : Severe, Arec out	a Affected	: 100%			
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2023	\$200	1-3	\$400	
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Through	out					
	Explana	tion : Fire	Extinguishers					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 26 MORRISANIA STATION

Address : 1264 BOSTON ROAD BTWN E.168 ST. - E.169 ST.

Borough : BRONX Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \quad FIRSEMS.026 \, / \, 13991 \qquad \qquad Yr \, Built/Renovated \quad : \quad$

Area Sq Ft : 7,500 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2663 Lot : 22 BIN : 2004749

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$50,800	
Interior Architecture	\$119,300	
Electrical		\$100,400
Total	\$170,100	\$100,400
Importance Code A	\$50,800	
Importance Code B	\$119,300	\$100,400
Total	\$170,100	\$100,400

Total	\$136,400	\$1,100	\$1,100	\$23,400
Importance Code C	\$10,300			\$500
Importance Code B	\$81,700	\$800	\$700	\$22,600
Importance Code A	\$44,300	\$400	\$400	\$400
Total	\$136,400	\$1,100	\$1,100	\$23,400
Mechanical	\$15,200	\$600	\$600	\$6,400
Electrical	\$47,800	\$500	\$500	\$15,600
Interior Architecture	\$37,900			\$1,400
Exterior Architecture	\$35,500			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13991

Architecture		Current Repair		Futur	e Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior Exterior Walls Metal, Corrugated	Corrosion Location Deformed	: Bottom (\$33,600 Extent : Severe, Are Of Street Wall Extent : Moderate, A			1			
Metal Coiling Doors	5%			2029	* *	5	\$3,800		
Windows							, , , , , , , , , , , , , , , , , , ,		
Aluminum	Deteriorat Location Other Obs Location	: Through ervation, E : Through	Extent : Severe, Are			5	\$600		
Roof					at at		*		
Metal Panel	100%			2037	* *	10	\$14,900		
Interior Floors									
Cast in Place Concrete	_	0-2 Crumbling, : Through	\$20,600 Extent : Light, Ard out	LIFE ea Affect	* * ed : 20%	5	\$21,700		
Ceramic Tile	_	0-2 Crumbling, : Through	\$7,000 Extent : Severe, A out	2027 rea Affec	\$17,400 cted : 40%	5	\$500		
Vinyl Tile	Patching I Location Punct/Tea Location Split/Crac	: Through r/Impact D : Through	amage, Extent : Se out t : Severe, Area Aff	vere, Are	ea Affected : 30%	3	\$2,700		
Interior Walls									
Ceramic Tile Concrete Masonry Unit Metal Panel		0-2 Dented, Ex	\$10,300 xtent : Light, Area . out	2027 LIFE LIFE Affected	\$25,800 * * * *	5 5	\$900 \$4,100		
Ceilings AcousTileSusp.Lay-In		0-2 Crumbling, : Through	\$58,100 Extent : Severe, A out	2029 rea Affec	* * cted : 60%	5	\$9,000		
Site Pavements Public Sidewalk Cast in Place Concrete	100%			2037	**				
On-Site Walkways Cast in Place Concrete	100%			2037	**				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13991

Architecture	Currer	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Parking/Driveway							
Cast in Place Concrete	100%		2037	* *			

Electrical	Current	Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2024	\$4,800	5		
	Other Observation,		Area Affe	ected : 100%			
	Location : Front C						
	Explanation: 1-20	00 Amperes Service					
Raceway	202/		2021				
Conduit	90%		2024	\$28,200	1		
Conduit	10%		2034	**	1		
Panelboards	000/		2022	#24 600	_	4200	
Molded Case Bkrs	90%		2023	\$34,600	5	\$200	
Molded Case Bkrs	10%		2032	* *	5		
Wiring	700/		2022	Ø10.400	1		
Braided Cloth	70%		2023	\$19,400 * *	1		
Thermoplastic	30%		2034	* *	1		
Motor Controllers	1000/		2022	01.4.400	_	#100	
Locally Mounted	100%		2022	\$14,400	5	\$100	
Ground							
Grounding Devices	1000/		LIEE	* *	-	¢100	
Generic	100% Other Observation,	Entant Madanata	LIFE		5	\$100	
	Location : Front O		<i>Агеа Аује</i>	eciea . 100%			
		und Conductor Not	Connact	ad To 200 Amnaras	Switch		
Stand-by Power	Ехрининов . Ото	and Conductor Ivoi	Connecie	ed 10 200 Amperes	Swiich		
Transfer Switches							
Automatic	100%		2029	* *	1	\$2,300	
Tutomatic	Other Observation,	Extent : Moderate.		ected : 100%		Ψ2,300	
	Location : Front C						
		Amperes Asco Type	Switch				
Generators	1	1 71					
Diesel	100%		2027	\$65,700	1	\$2,900	
	Other Observation,	Extent : Moderate, A	Area Affe			* /	
	Location : Outside						
	Explanation: 80 K	Kva Unit - Onan Cur	nmins Ty	pe Unit			
Batteries							
Lead/Acid	100%		2019	\$1,500	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13991

Electrical	Current Repair		Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estin Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
stand-by Power									
Fuel Storage									
Day Tank	100%		.032	* *	5	\$1,400			
	Other Observation, Extent		a Affe	cted : 100%					
	Location : Outside Rear (-							
	Explanation : 60 Gallon T	Tank							
Lighting									
Interior Lighting				*					
Fluorescent	50%		019	\$10,200	10	\$3,400			
	T-12 Lamps And Fixtures, I	Extent : Modera	te, Ar	ea Affected : 100%	Ó				
	Location: Throughout								
HID	47%	2	019	\$3,500	10	\$100			
HID	3% Now	\$100 2	024	\$200					
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location : Various Locati	ions							
	Explanation : Fixtures De	amaged - Not W	orking	3					
Egress Lighting									
Exit, Service	100%	2	024	\$800	1				
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location : Throughout Th	ie Building							
	Explanation : Main Powe	er Fixtures							
Exterior Lighting									
HID	100%	2	019	\$28,300	10				

Mechanical	Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Furnace	50% Now	\$8,300	2034	* *	1	\$1,700	
	Broken, Extent: Light, A Location: Apparatus Other Observation, Exte Location: Apparatus Explanation: 2 Units	Floor ent : Light, Area		: 100%			
Hot Water Boiler	50% Now Malfunctioning, Extent Location: Control Sys Other Observation, Exte Location: Basement Explanation: One Un	stem ent : Light, Area			1	\$1,700	
Distribution							
Hot Wtr Piping/Pump	50%		2040	* *	4	\$300	
No Component	50%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13991

Mechanical	Current Repair	Future Replaceme	ent N	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated (FY	Cost Cycle (Yrs)	Estimated Cost	Priority
Heating					
Terminal Devices					
Convector/Radiator	40%	2029	* * 1	\$1,000	
Unit Heater - Steam	10%	2029	** 4	\$100	
	Other Observation, Extent: Modera	ite, Area Affected : 100%			
	Location: Locker Room				
	Explanation : Modine Hw Unit He	eaters			
No Component	50%				
Air Conditioning					
Energy Source					
Electricity	100%	2032	* * 1		
Conversion Equipment					
Window/Wall Unit	40%	2022 \$5,	800 1		
No Component	60%				
Plumbing					
H/C Water Piping			at at		
Brass/Copper	100%	2034	** 1		
Water Heater				*	
Gas Fired	100%		300 2	\$100	
	Other Observation, Extent : Modera				
	Location: 1st Floor Locker Room				
	Explanation: A O Smith Gas Fire	ed Dhw Heater			
Sanitary Piping	1000/	LIDD	** 1		
Cast Iron	100%	LIFE	* * I		
Storm Drain Piping	1000/ 31 01.5/)	** 1		
Cast Iron	100% Now \$1,50		** 1		
	Blockage /Clogged, Extent : Modera Location : Gutters	ate, Area Affectea : 50%			
		A A A 1 . 500/			
	Other Observation, Extent : Modera Location : Side Yard	ite, Area Affectea : 50%			
		D!			
E't	Explanation: Backs Up With Hea	vy kain			
Fixtures	1000/				
Generic	100%				
Fire Suppression					
Chemical System	80%				
No Component Generic	20%	2010	400 1.2	0000	
Generic	20% Other Observation, Extent: Light, A		400 1-3	\$800	
	Location: Throughout	тей Аујестей . 100%			
	Explanation : Fire Extinguishers				
	Explanation . Fire Extinguishers				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 27

Address : 243 EAST 233RD STREET BTWN KEPLER AVE. - KATONAH AVE.

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSEMS.027 / 13993 Yr Built/Renovated : 2011 /

Area Sq Ft : 12,027 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3,4

Block : 3374 Lot : 10 BIN : 2019007

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,600		\$15,000	
Interior Architecture	\$50,400		\$800	\$900
Electrical	\$2,500	\$2,200	\$2,200	\$2,000
Mechanical	\$5,300	\$1,300	\$2,300	\$1,400
Total	\$75,800	\$3,500	\$20,300	\$4,300
Importance Code A	\$18,300	\$500	\$15,700	\$500
Importance Code B	\$47,100	\$2,900	\$4,700	\$3,300
Importance Code C	\$10,400			\$500
Total	\$75,800	\$3,500	\$20,300	\$4,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13993

rchitecture	Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior								
Exterior Walls								
Masonry: Brick	70%		LIFE	* *	5	\$34,100		
Metal Panel	10%		2048	* *	5-10	\$16,700		
Metal Sect. OHD	20%		2041	* *	5	\$15,200		
Windows								
Aluminum	100%		2044	* *	5	\$1,200		
Parapets								
Metal Panel	100%		2048	* *	5	\$6,700		
Roof								
Built-Up (BUR)	20%		2033	* *	10	\$1,600		
Metal Panel	50%		2041	* *	10	\$7,400		
Plaza Roof: Stone Panels	5%		2048	* *		. ,		
Single Ply Membrane	25%		2033	* *	10	\$2,000		
erior						· · · · · · · · · · · · · · · · · · ·		
Floors								
Cast in Place Concrete	50%		LIFE	* *	5	\$39,400		
Ceramic Tile	5%		2037	* *	5	\$900		
Sheet Vinyl/Rubber	10%		2033	* *	5	\$2,700		
Vinyl Tile	35%		2033	* *	3	\$2,400		
Interior Walls						+-,		
Ceramic Tile	5%		2037	* *	5	\$900		
Concrete Masonry Unit	50%		LIFE	* *	5	\$7,500		
Glazed Ceramic Panel	10%		LIFE	* *	10	\$1,700		
Gypsum Board	15%		LIFE	* *	5-10	\$4,800		
Metal Panel	10%		LIFE	* *	10	\$800		
Plaster	10%		LIFE	* *	5-10	\$1,600		
Ceilings	1070		LIIL		2 10	Ψ1,000		
Metal Panel	20%		LIFE	* *	5	\$9,000		
Plaster	20%		LIFE	* *	5-10	\$6,200		
Plaster	60%		LIFE	* *	5-10	\$18,600		
Pavements	00/0		LIFE		5-10	φ10,000		
Parking/Driveway								
Cast in Place Concrete	100%		2041	* *				

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	100%	2054	* *	5	\$100	
	Other Observation, Extent: Moderate,	Area Affected : 10	0%			
	Location: Electrical Room Basement					
	Explanation: One 400 Amperes Main	Disconnect Switc	h			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2054	* *	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13993

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System	% of Fail Date Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority
Component	Total (Years)	FY		(Yrs)		
Type						
Under 600 Volts						
Raceway	1000/	2054	* *	1		
Conduit	100%	2054		1		
Panelboards	100/	2050	* *	_		
Fused Disc Sw Molded Case Bkrs	10% 90%	2050 2050	* *	5 5	\$300	
Wiring Wiring	9078	2030		3	\$300	
Thermoplastic	100%	2054	* *	1		
Motor Controllers	10070	2034				
Locally Mounted	100%	2045	* *	5	\$100	
Ground	10070	2043			Ψ100	
Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$400	
Stand-by Power				<u> </u>	7	
Transfer Switches						
Automatic	100%	2045	* *	1	\$3,700	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location: Basement					
	Explanation: Two Ats					
Generators						
Diesel	100%	2041	* *	1	\$4,700	
	Other Observation, Extent : Moderate,		cted : 100%			
	Location: Generator Room - Baseme	rnt				
-	Explanation: One 83 Kw					
Batteries	1000/	2022	Ø1.500	-	0.400	
Lead/Acid	100%	2023	\$1,500	5	\$400	
Fuel Storage	1000/	2062	* *	-	# 400	
Main Tank	100% Other Observation, Extent: Moderate,	2063		5	\$400	
	Location: Basement	Агеи Ајје	ciea . 100/0			
	Explanation : One 2366 Gallons					
Lighting	Explanation . One 2500 Gailons					
Interior Lighting						
Fluorescent	100%	2036	* *	10	\$11,000	
	T-8 Lamps And Fixtures, Extent: Mode		a Affected : 100%		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Location: Throughout The Building					
Egress Lighting						
Emergency, Service	60%	2036	* *	1		
Exit, Service	40%	2036	* *	1		
Exterior Lighting						
HID	100%	2036	* *	10		
Alarm						
Security System						
Generic	100%	2036	* *	1	\$4,500	
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Inside And Outside	C				
	Explanation: Seven CCTV Survelian	ce Camero	а			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13993

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
100%	2036 **	1-3 \$7,400	
	% of Fail Date Estimated Cost Total (Years)	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost (Yrs) Cycle Estimated Cost (Yrs)

Mechanical	Current Repair	Future	Replacement	Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Electricity	10%	2054	* *	1			
Natural Gas	90%	2054	* *	1			
Conversion Equipment							
Furnace	50%	2033	* *	1	\$3,000		
	Other Observation, Extent : I	ight, Area Affected :	50%				
	Location : Roof						
	Explanation: 3 Roof Top Po	ackage Units					
Hot Water Boiler	40%	2041	* *	1	\$2,400		
	Other Observation, Extent : I	ight, Area Affected :	40%				
	Location: Basement Boiler	Room					
	Explanation: 1 Unit						
Radiant Heater	10%	2033	* *	2	\$600		
	Other Observation, Extent : I	ight, Area Affected :	10%				
	Location: Staircases	J.					
	Explanation: 6 Sections Of	Electric Baseboard					
Distribution							
Hot Wtr Piping/Pump	40%	2050	* *	4	\$200		
No Component	60%						
Terminal Devices							
Convector/Radiator	15%	2041	* *	1	\$600		
Fan Coil Unit/Heat	15%	2033	* *	1	\$600		
Unit Heater - Steam	10%	2033	* *	4	\$100		
No Component	60%						
Air Conditioning							
Energy Source							
Electricity	100%	2050	* *	1			
Conversion Equipment							
Ext Pkg Ûnit -	50%	2036	* *	2	\$400		
Heating/Cooling							
	Other Observation, Extent : I	ight, Area Affected :	50%				
	Location: Roof						
	Explanation: 3 Roof Top Po	ackage Units. R-410d	a				
Split Unit	10%	2033	* *				
•	Other Observation, Extent : I	ight, Area Affected :	10%				
	Location: Roof						
	Explanation: 2 Units. R-41	0a					
No Component	40%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13993

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Terminal Devices							
Fan Coil - 2 Pipe	10%		2033	* *	1	\$400	
No Component	90%						
Heat Rejection							
Evaporative Condenser	10%		2033	* *	2	\$800	
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,600	
Exhaust Fans							
Interior	15%		2033	* *	2	\$100	
Roof	85%		2033	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2048	* *	1		
Water Heater							
Gas Fired	100%		2026	\$6,900	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2036	* *	1	\$700	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%		2054	* *	1-2	\$3,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 31 CUMBERLAND STATION
Address : 39 AUBURN PLACE @ N. PORTLAND AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.031 / 13994 Yr Built/Renovated :

Area Sq Ft : 3,200 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Mar-2013 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 2039 Lot : 101 BIN : 3251647

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$98,800	
Total	\$98,800	
Importance Code B	\$98,800	
Total	\$98.800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$600		\$15,200
Interior Architecture	\$28,200			\$1,500
Electrical				\$14,400
Mechanical	\$7,000	\$300	\$1,000	\$200
Total	\$35,200	\$900	\$1,000	\$31,300
Importance Code A		\$600		\$15,200
Importance Code B	\$12,600	\$300	\$1,000	\$16,100
Importance Code C	\$22,600			
Total	\$35,200	\$900	\$1,000	\$31,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 31 CUMBERLAND STATION

Asset #: 13994

Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	60%			LIFE	* *	5	\$14,600		
Metal Coiling Doors	40%			2037	* *	5	\$30,400		
Windows									
Aluminum	100%			2040	* *	5	\$1,200		
Roof									
No Component	80%								
Not Accessible	20%								
Interior									
Floors									
Cast in Place Concrete		Now	\$5,600	LIFE	* *	5	\$11,800		
	_	_	Extent: Light, Are	ea Affect	ed : 100%				
	Location	: Garage 1	Area						
Ceramic Tile	5%			2033	* *	5	\$900		
Vinyl Tile	65%	Now	\$59,600	2029	* *	3	\$4,400		
Ž	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 100%	ó			
	Location	: Through	out						
Interior Walls									
Ceramic Tile	4%			2033	* *	5	\$800		
Concrete Masonry Unit	1%			LIFE	* *	5	\$100		
Gypsum Board	85%	0-2	\$3,300	LIFE	* *	5	\$9,600		
• •	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%				
	Location	: Through	out						
Masonry: Brick	5%	Now	\$3,700	LIFE	* *				
massing. Brief	_		Extent : Light, Are		ed : 100%				
	_	: Garage 1							
Masonry: Limestone		Now	\$15,700	LIFE	* *				
Masonry. Liniestone	_		ents, Extent : Ligh						
		_	enis, Exieni . Lign Window Sills	і, Агеи А	gjetieu . 10070				
Cailings	Locuiton	. mierior	muon suis						
Ceilings	000/	Now	\$39,300	2037	* *	5	\$8,100		
AcousTileSusp.Lay-In			\$39,300 ents, Extent : Ligh			3	\$8,100		
		issing Elem : Through	_	ı, Area A	ујества : 100%				
		. 1 nrougn	Оиі						
Exposed Concrete	10%			LIFE	* *	5	\$300		

Electrical	Current Repa	ir Future R	Replacement	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year Es		ycle Estimated Cost Yrs)	Priority
Under 600 Volts					
Raceway					
Conduit	100%	2034	* *	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 31 CUMBERLAND STATION

Asset #: 13994

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards	1000/		de de	_	4400	
Molded Case Bkrs	100%	2032	**	5	\$100	
	Other Observation, Extent : Moder	ate, Area Affecte	d: 100%			
	Location: In Hallway	_				
	Explanation : Breaker Panel In U	se				
Wiring	1000/	2021	* *			
Thermoplastic	100%	2034	* *	1		
Motor Controllers	1000/	2022	01.4.400	_		
Locally Mounted	100%	2022	\$14,400	5		
Ground						
Grounding Devices	1000/		* *	_		
Generic	100%	LIFE		5		
	Other Observation, Extent: Light, A					
	Location: Basement Of Main Cur		ıg			
· · ·	Explanation: Ground Located El	sewhere				
Lighting						
Interior Lighting	1000/	2024	#0.700	10	#2 000	
Fluorescent	100%	2024	\$8,700	10	\$2,900	
	Other Observation, Extent: Moder	ане, Агеа Ајјесне	a: 100%			
	Location: Throughout	7 77				
T. 1.1	Explanation: T-8 And T-12 Fixtu	res in Use				
Egress Lighting	1000/	2024	¢400	1		
Exit, Service	100%	2024	\$400	1		
	Other Observation, Extent : Moder	ate, Area Affecte	a: 100%			
	Location: Throughout		. D:14: C			
T	Explanation: Egress Fixtures Co	nnected To Main	Building Servi	ce		
Exterior Lighting	1000/	2024	010 100	10		
HID	100%	2024	\$12,100	10		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout			
	Explanation: Utilities Provided From	Main Hospital Building		
Conversion Equipment				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location : Throughout			
	Explanation : Provided From Main He	ospital Building		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 31 CUMBERLAND STATION

Asset #: 13994

Mechanical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Heating					
Distribution Ductwork/Diffusers	50%	LIFE **	2-5	\$900	
Ductwork/Diffusers	Other Observation, Extent : Light, Are		2-3	\$900	
	Location: Office, Break Area, Locke	==			
	Explanation : Area Served By Heatin		isers		
Hot Wtr Piping/Pump	50%	2040 **	4	\$100	
1 & 1	Other Observation, Extent : Light, Are	a Affected : 100%		,	
	Location: Garage				
	Explanation : Hot Water System Serv	ves Garage Unit Heaters			
Terminal Devices					
Fan Coil Unit/Heat	50% Now \$1,100	2024 \$22,400	1	\$500	
	Broken, Extent : Moderate, Area Affect	ted : 15%			
	Location: 2 Units In Garage				
No Component	50%				
Air Conditioning					
Energy Source Not Accessible	100%				
Conversion Equipment	10078				
Window/Wall Unit	50%	2019 \$3,100	1		
Not Accessible	50%	201) \$3,100	•		
	Other Observation, Extent : Light, Are	a Affected : 0%			
	Location : Offices, Break Area, Lock	er Area			
	Explanation : Located In Main Hosp	ital Building			
Distribution					
Ductwork/Diffusers	50%	LIFE **	2	\$2,100	
No Component	50%				
Ventilation Distribution					
Distribution Ductwork/Diffusers	100%	LIFE **	2-5	\$1,800	
Exhaust Fans	10070	LIFE	2-3	\$1,000	
Not Accessible	100%				
Plumbing					
H/C Water Piping					
Brass/Copper	100%	2044 **	1		
Water Heater					
Electric	50%	2019 \$1,300	4		
	Other Observation, Extent: Light, Are	a Affected : 100%			
	Location: Garage	C 11.:1: 0: 1			
	Explanation: 1 - 50 Gallon Unit Ser	ves Garage Utility Sink			
No Component	50%	A CC 1 . OO/			
	Other Observation, Extent : Light, Are Location : Locker Areas	а Ајјестеа : 0%			
	Explanation: H W Provided From M	Main Hospital Ruilding			
Sanitary Piping	Expunuion . II w 1 Tovided From N	лан 1105риш Вишту			
Cast Iron	100% Now \$1,100	LIFE **	1		
	Blockage /Clogged, Extent : Moderate,		•		
	Location : Hallway	••			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 31 CUMBERLAND STATION

Asset #: 13994

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2024	\$500	4	\$100	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2044	* *	1-2	\$900	
Fire Pump						
Not Accessible	100%					
Chemical System						
No Component	90%					
Generic	10%	2019	\$200	1-3	\$400	
	Other Observation, Extent:	Light, Area Affected: 100%	6			
	Location: Throughout					
	Explanation : Fire Exting	uishers				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 32 EMS - BROOKLYN HEIGHTS/RED HOOK

Address : 347 BOND STREET @ CARROLL ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.032 / 13875 Yr Built/Renovated :

Area Sq Ft : 8,194 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 452 Lot : 5 BIN : 3007662

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$178,800	
Site Pavements	\$60,700	
Total	\$239,500	
Importance Code A	\$178,800	
Importance Code C	\$60,700	
Total	\$239,500	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,800	\$800		\$4,200
Interior Architecture		\$400		\$1,800
Electrical	\$2,700	\$1,300	\$1,500	\$8,600
Mechanical	\$4,500	\$1,000	\$3,500	\$5,700
Total	\$14,000	\$3,500	\$5,100	\$20,300
Importance Code A	\$7,200	\$1,200	\$400	\$4,600
Importance Code B	\$6,800	\$2,300	\$4,700	\$15,700
Importance Code C				
Total	\$14,000	\$3,500	\$5,100	\$20,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13875

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick	Location	: Parking	\$56,600 : Moderate, Area Lot Facade			5	\$9,400	
		: Through	d, Extent : Modera out	te, Area F	Affected: 30%			
Metal Panel Metal Sect. OHD	10% 20%			2044 2037	* *	5-10 5	\$9,200 \$8,400	
Windows Aluminum	Location	: Through				5	\$1,500	
Parapets	Expianai	ion : wina	ows Cannot Be Un	поскеа - 1	wissing Key (?)			
Masonry: Brick	Diagonal	Now Cracks, Ex. : Interior	\$37,300 tent : Moderate, A Face	LIFE rea Affect	* * ted : 10%	5	\$3,200	
	Location Jnt Mortan	: Interior	d, Extent : Modera					
Masonry: Limestone	20%			LIFE	* *	5	\$1,000	
Roof Roll Roofing			\$4,200 Extent : Moderate, A Eutenant Office	2020 Area Affe	\$84,900 cted : 10%	5	\$17,200	
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	\$18,800	
Ceramic Tile	5%			2033	**	5	\$600	
Vinyl Tile Interior Walls	25%			2029	* *	3	\$1,100	
Ceramic Tile	5%			2033	* *	5	\$1,300	
Concrete Masonry Unit	30%			LIFE	* *	5	\$3,100	
Gypsum Board	65%			LIFE	* *	5	\$10,200	
Ceilings							· · · · · · · · · · · · · · · · · · ·	
AcousTileSusp.Lay-In	30%			2037	* *	5	\$3,700	
Exposed Struc: Steel	60%			LIFE	* *			
Plaster	10%			LIFE	* *	5	\$800	
Site Enclosure		_		_				_
Fence/Gates	500			2011	* *			
Chain link	53%			2044	* *			
Iron Picket	47%			2059	<i>~</i> *			
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13875

Architecture	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2037	* *			
Parking/Driveway							
Asphalt	95% Now	\$60,700	2037	* *			
	Cracking/Crumbling, E	Extent : Severe, A	rea Affec	eted : 30%			
	Location : Parking Lo	ot					
	Ponding, Extent: Mode	erate, Area Affect	ted : 30%	6			
	Location : Parking Lo	ot					
	Potholes, Extent : Seven	re, Area Affected	: 20%				
	Location : Parking Lo	ot					
Cast in Place Concrete	5%		2037	* *			

Electrical	Current Repa	nir Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5		
	Other Observation, Exten		rted : 100%			
	Location: Electrical Ro	****				
	Explanation: One 400	Amperes Main Disconne	ct Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2050	* *	5	\$200	
Raceway						
Conduit	100%	2050	* *	1		
Panelboards						
Fused Disc Sw	5%	2046	* *	5		
Molded Case Bkrs	95%	2046	* *	5	\$200	
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2041	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2041	* *	1	\$2,500	
Generators						
Diesel	100%	2037	* *	1	\$3,200	
	Other Observation, Exten	t : Moderate, Area Affec	cted : 100%			
	Location : Generator Re	oom - Outside				
	Explanation: One 180	Kw				
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13875

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage						
Day Tank	50%	2046	* *	5	\$800	
	Other Observation, Extent:	Moderate, Area Affected	: 100%			
	Location : Generator Room	n - Outside				
	Explanation: One 150 Ga	llons				
Main Tank	50%	2059	* *	5	\$100	
	Other Observation, Extent:	Moderate, Area Affected	: 100%			
	Location: Underground					
	Explanation : One 2500 G	allons				
Lighting	-					
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$7,500	
	Other Observation, Extent : Location : Throughout The	. 50	: 100%			
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Service	60%	2032	* *	1		
Exit, Service	40%	2032	* *	1		
Exterior Lighting						
HID	50%	2032	* *	10		
Incandescent	50%	2032	* *	2		
Alarm						
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$5,000	

lechanical	Current Repair	Future Rep	lacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	est Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$4,100	
	Other Observation, Extent : Light, A	rea Affected : 100	%			
	Location : Mechanical Room					
	Explanation : One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$600	
Terminal Devices						
Convector/Radiator	50%	2037	* *	1	\$1,300	
Fan Coil Unit/Heat	50%	2029	* *	1	\$1,300	
r Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13875

Mechanical	Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%		2029	**	2	\$500	
	R-22 Refrigerant, Exter Location : 2 Units Or	-	ffected :	100%			
Distribution	Location . 2 Units Of	i The Kooj					
Ductwork/Diffusers	100%		LIFE	* *	2	\$10,700	
Ventilation							
Exhaust Fans							
Roof	100%		2032	* *	2	\$300	
Plumbing							
H/C Water Piping Brass/Copper	100%		2050	* *	1		
Water Heater	10070		2030		1		
Gas Fired	100%		2022	\$4,700	2	\$100	
	Other Observation, Ex	tent : Light, Area	Affected			*	
	Location : Hot Water	Heater Room					
	Explanation: 1 - 70 (Gallon Unit					
Sanitary Piping							
Cast Iron	100% Now	\$2,800	LIFE	**	1		
	Blockage /Clogged, Ex		Area Affe	cted: 5%			
Ct D D	Location: Bathrooms	s when it Kains					
Storm Drain Piping Cast Iron	100% Now	\$800	LIFE	* *	1		
Cast Holl	Blockage /Clogged, Ex			ected : 5%	1		
	Location : Side Yard		33				
Backflow Preventer							
Generic	100%		2029	* *	1	\$500	
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System	000/						
No Component Generic	90% 10%		2022	\$200	1-3	\$400	
Generic	10% Other Observation, Ext	tent · Light Area			1-3	\$400	
	Location : Throughou	_	119960164	. 100/0			
	Explanation : Fire Ex						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 35

Address : 332 METROPOLITAN AVE @ ROEBLING ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.035 / 14770 Yr Built/Renovated : 2013 /

Area Sq Ft : 10,601 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Jan-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2368 Lot : 12 BIN : 3391565

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$58,000	
Total	\$58,000	
Importance Code A	\$58,000	
Total	\$58,000	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,000			\$7,700
Interior Architecture	\$4,500			
Electrical	\$900	\$900	\$1,300	\$900
Mechanical	\$1,500	\$1,900	\$2,000	\$1,600
Total	\$7,900	\$2,800	\$3,300	\$10,200
Importance Code A	\$1,500	\$500	\$500	\$8,300
Importance Code B	\$5,900	\$2,300	\$2,800	\$1,900
Importance Code C	\$400			
Total	\$7,900	\$2,800	\$3,300	\$10,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14770

Architecture		Current Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Concrete Masonry Unit	12%		LIFE	* *	5	\$1,800	
Metal/Glass Curt Wall	32%		LIFE	**	5	\$14,500	
		Inefficient, Extent : Moderat					
		ı : Central Stair And Breezew	-				
	_	Discoloring, Extent : Moderat		ffected : 15%			
	Location	ı : Perimeter Gaskets - Main .	Facade				
Metal Panel	48%		2052	* *	5-10	\$79,800	
Metal Sect. OHD	8%		2043	* *	5	\$6,000	
Windows							
Aluminum	15%		2048	* *	5	\$200	
No Component	85%						
Parapets							
Concrete Masonry Unit	45%		LIFE	* *	5	\$1,300	
Metal/Glass Curt Wall	15%		2052	* *	5	\$1,500	
Metal Panel	25%	Now \$1,000	2052	* *	5	\$1,300	
	Miss/Dan	aged Copings, Extent : Sever	e, Area A	ffected : 8%			
	Location	ı : Street Facade					
	Other Ob	servation, Extent : Severe, Are	ea Affecte	ed : 8%			
	Location	n : Street Facade At Pedestria	n Entran	ce			
	Explana	tion: Water Cascading From	Coping 2	Above And Then Fi	reezing C	Causes Icicles To	
	Drop O	ıto Sidewalk					
Metal: Cage/Fence	15%			* *			
Roof			2043	ጥ ጥ	5-10	\$3,100	
1001			2043	* *	5-10	\$3,100	
IRMA/Protected	60%		2043	* *	5-10	\$3,100 \$9,600	
	60%					·	
IRMA/Protected						·	
IRMA/Protected Membrane			2034	* *		·	
IRMA/Protected Membrane Plaza Roof: Stone Panels	15%		2034 2052	**	10	\$9,600	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass	15% 13%		2034 2052 2052	**	10	\$9,600 \$7,000	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing	15% 13%		2034 2052 2052	**	10	\$9,600 \$7,000	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior	15% 13%		2034 2052 2052	**	10	\$9,600 \$7,000	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors	15% 13% 12%		2034 2052 2052 LIFE	** ** **	10 10 5	\$9,600 \$7,000 \$25,700	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete	15% 13% 12%		2034 2052 2052 LIFE LIFE	** ** ** **	10 10 5	\$9,600 \$7,000 \$25,700 \$22,600	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile	15% 13% 12% 65% 3%		2034 2052 2052 LIFE LIFE 2039	** ** ** **	10 10 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile Sheet Vinyl/Rubber	15% 13% 12% 65% 3%		2034 2052 2052 LIFE LIFE 2039	** ** ** **	10 10 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile Sheet Vinyl/Rubber Interior Walls	15% 13% 12% 65% 3% 32%		2034 2052 2052 LIFE LIFE 2039 2034	* * * * * * * * * *	10 10 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile Sheet Vinyl/Rubber Interior Walls Cast in Place Concrete	15% 13% 12% 65% 32%		2034 2052 2052 LIFE LIFE 2039 2034 LIFE	* * * * * * * * * * * * * *	10 10 5 5 5 5 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500 \$7,600	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile Sheet Vinyl/Rubber Interior Walls Cast in Place Concrete Ceramic Tile	15% 13% 12% 65% 32% 15% 2%		2034 2052 2052 LIFE LIFE 2039 2034 LIFE 2039	* * * * * * * * * * * * * * * * * * *	10 10 5 5 5 5 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500 \$7,600	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile Sheet Vinyl/Rubber Interior Walls Cast in Place Concrete Ceramic Tile Concrete Masonry Unit	15% 13% 12% 65% 32% 15% 2% 40%		2034 2052 2052 LIFE LIFE 2039 2034 LIFE 2039 LIFE	* * * * * * * * * * * * * * * *	10 10 5 5 5 5 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500 \$7,600	
IRMA/Protected Membrane Plaza Roof: Stone Panels Skylight, Metal/Glass Sloped Glazing Interior Floors Cast in Place Concrete Ceramic Tile Sheet Vinyl/Rubber Interior Walls Cast in Place Concrete Ceramic Tile Concrete Masonry Unit Concrete Masonry Unit	15% 13% 12% 65% 32% 15% 2% 40% 15%		2034 2052 2052 LIFE LIFE 2039 2034 LIFE 2039 LIFE LIFE LIFE	* * * * * * * * * * * * * * * * * * *	10 10 5 5 5 5 5 5	\$9,600 \$7,000 \$25,700 \$22,600 \$500 \$7,600 \$7,000 \$2,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14770

Architecture	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	eate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTile,Adhered	20%		2043	* *	5	\$3,100	
AcousTileSusp.Lay-In	25%		2043	* *	5	\$3,800	
Exposed Concrete	20%		LIFE	* *	5	\$500	
Gypsum Board	10%		LIFE	* *	5	\$1,900	
Metal Panel	25%		LIFE	* *	5	\$4,800	

Electrical	Current Re	pair Fu	ture Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Cstimated Cost Year FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	205	-	5		
	Other Observation, Ext		ffected : 100%			
	Location : Electrical I					
-	Explanation : One 60	O Amperes Main Disco	nnect Switch			
Switchgear / Switchboard	1000/	• • •		_		
Fused Disc Sw	100%	205	6 **	5		
Raceway	1000/	20.5	6 **			
Conduit	100%	205	6 **	1		
Panelboards	50 /	205	1 **	-		
Fused Disc Sw	5%	205		5	Ф200	
Molded Case Bkrs	95%	205	1 **	5	\$300	
Wiring	1000/	205	6 **	1		
Thermoplastic	100%	205	6 **	1		
Motor Controllers	100%	204	6 **	-	\$100	
Locally Mounted	Other Observation, Ext	204	U	5	\$100	
	Location : 1st Floor H		gjeciea . 100%			
	Explanation: Motor (•	To Fnerov Managem	ant Cont	rol Corn Under R	
	M S	comroners Connected	10 Lhergy Munugem	eni Coni	roi Corp. Chaer B	
round						
Grounding Devices						
Generic	100%	LIF	E **	5	\$200	
ighting						
Interior Lighting						
Fluorescent	90%	203		10	\$8,800	
	T-8 Lamps And Fixture		rea Affected : 100%			
	Location: Throughou	t The Building				
Fluorescent	10%	203	6 **	10	\$1,000	
	Compact Fluorescent L	ight, Extent : Moderat	e, Area Affected : 100	0%		
	Location: Throughou	t The Building				
Egress Lighting						
Emergency, Battery	50%	203	6 **	10	\$1,300	
Exit, Service	50%	203	6 **	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14770

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Tail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
Fluorescent	40%		2036	* *	10	\$400	
HID	60%		2036	* *	10		
Alarm							
Security System							
No Component	30%						
Generic	70%		2036	* *	1	\$2,800	
Fire/Smoke Detection							
Generic, Digital	100%		2036	* *	1-3	\$6,500	

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2056	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2046	* *	1	\$5,200	
	Recent Ins	tallation, Extent : Light, Are	a Affectea	l : 100%			
	Location	: 1 Unit In The Basement					
Distribution							
Hot Wtr Piping/Pump	100%		2051	* *	4	\$800	
Terminal Devices							
Air Handler	60%		2036	* *	1	\$3,900	
Fan Coil Unit/Heat	20%		2036	* *	1	\$700	
Unit Heater - Steam	20%		2036	* *	4	\$300	
Air Conditioning							
Energy Source							
Electricity	100%		2051	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	75%		2036	* *	2	\$500	
Cooling							
_	Other Obs	ervation, Extent : Light, Are	a Affected	! : 100%			
	Location	: On The Roof					
	Explanat	tion: Two Units					
No Component	25%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,900	
Exhaust Fans							
Interior	10%		2036	* *	2		
Roof	90%		2036	* *	2	\$300	
Plumbing			-			<u> </u>	
H/C Water Piping							
Brass/Copper	100%		2056	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14770

Mechanical	Current Repa	nir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2026	\$6,000	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2036	* *	4	\$600	
Backflow Preventer						
Generic	100%	2036	* *	1	\$700	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	10%					
Generic	90%	2056	* *	1-2	\$2,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 38 WINGATE STATION

Address : 554 WINTHROP STREET @ KINGS COUNTY HOSPITAL

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.038 / 13720 Yr Built/Renovated : 2005 /

Area Sq Ft : 5,975 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 4829 Lot : 1 BIN : 3327722

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$69,100
Total		\$69,100
Importance Code A		\$69,100
Total		\$69,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$600	\$300		
Interior Architecture		\$300		\$1,800
Electrical	\$5,900	\$700	\$500	\$500
Mechanical	\$600	\$200	\$3,400	\$3,600
Total	\$7,000	\$1,500	\$4,000	\$5,900
Importance Code A	\$1,000	\$400	\$400	\$100
Importance Code B	\$6,000	\$1,000	\$3,500	\$5,800
Importance Code C				
Total	\$7,000	\$1,500	\$4,000	\$5,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 38 WINGATE STATION

Asset #: 13720

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	\$3,000	
Masonry: Brick	60%			LIFE	* *	5	\$9,600	
Metal Panel	10%	0-2	\$600	2044	* *	5	\$3,000	
			ents, Extent : Ligh	t, Area A	ffected : 10%			
	Location	: Through	out					
Windows								
Aluminum	100%			2040	* *	5	\$600	
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5	\$400	
Masonry: Brick	80%			LIFE	* *	5	\$1,300	
Roof								
Roll Roofing	100%			2023	\$69,100	5	\$27,900	
nterior								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	\$13,700	
Ceramic Tile	5%			2033	* *	5	\$400	
Vinyl Tile	25%			2029	* *	3	\$800	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$500	
Concrete Masonry Unit	50%			LIFE	* *	5	\$2,100	
Gypsum Board	40%			LIFE	* *	5	\$2,600	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	40%			2037	* *	5	\$3,600	
Exposed Struc: Steel	60%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Iron Picket	50%			2059	* *			
Iron Picket	50%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Asphalt	100%			2033	* *			

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 38 WINGATE STATION

Asset #: 13720

Electrical	Current Repair	Future F	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Switchgear / Switchboard Molded Case Bkrs	100% Other Observation, Extent : Moderate Location : Electrical Room Explanation : 1- 400 Amperes Main			5	\$200	
Raceway						
Conduit	100%	2044	* *	1		
Panelboards						
Molded Case Bkrs	100%	2040	* *	5	\$200	
Wiring	1000/	2044	* *	1		
Thermoplastic Motor Controllers	100%	2044	~ ~	1		
Locally Mounted	90%	2037	* *	5		
Motor Control Center	10%	2037	* *	5		
Ground	1070	2037				
Grounding Devices Generic	100% Other Observation, Extent: Moderate Location: Mechanical Room Explanation: Ground Connection	LIFE e, Area Affecte	* * ed : 100%	5	\$100	
Stand-by Power						
Transfer Switches Automatic	100%	2037	* *	1	\$1,800	
Generators Not Accessible	100% Other Observation, Extent: Light, Ard Location: Outside Parking lot Explanation: Generator Not Conne			On Prem	ises	
Batteries			-			
Not Accessible	100%					
Fuel Storage Main Tank	100% Other Observation, Extent: Moderate Location: Parking Lot Explanation: 75 Gallons	2039 c, Area Affecte	* * ed : 100%	5	\$200	
Lighting						
Interior Lighting Fluorescent	95% Other Observation, Extent: Moderate Location: Throughout Explanation: T-8 Fixtures In Use	2029 e, Area Affecte	* * ed : 100%	10	\$5,200	
HID	5%	2029	* *	10		
Egress Lighting Exit, Service	100% Other Observation, Extent : Moderate Location : Throughout	2029	* * ed : 100%	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 38 WINGATE STATION

Asset #: 13720

Electrical	Current Re	epair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
HID	100%	2024	\$22,500	10		
Alarm						
Fire/Smoke Detection						
Generic	100%	2029	* *	1-3	\$3,700	

Mechanical	Current Repair	Future Repl	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2044	* *	1		
Conversion Equipment Furnace	50%	2029	* *	1	\$1,500	
	Other Observation, Extent : Light, An Location : Roof					
	Explanation : (1) Gas Fired Packag					
Radiant Heater	50%	2029	* *	2	\$1,400	
	Other Observation, Extent : Light, Ar	rea Affected : 50%				
	Location: Garage Ceiling					
	Explanation : (4) Gas Fired Space	Heaters				
Distribution	1000/	LIDE		2.5	#2.200	
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,300	
Air Conditioning						
Energy Source	1000/	2046	* *	1		
Electricity	100%	2046		1		
Conversion Equipment Ext Pkg Unit -	1000/	2020	* *	2	\$400	
Heating/Cooling	100%	2029		2	\$400	
Distribution						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2	\$7,800	
Ventilation	10070	LIFE			\$7,000	
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,300	
Exhaust Fans	10070	EH E			Ψ3,300	
Roof	100%	2029	* *	2	\$200	
Plumbing	10070				\$200	
H/C Water Piping						
Brass/Copper	100%	2050	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,400	2	\$100	
	Other Observation, Extent: Light, An Location: Utility Closet	rea Affected : 1009	%			
	Explanation: 1 - 80 Gallon Unit					
Sanitary Piping	•					
Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 142

FIRE DEPARTMENT - 057 EMS STATION 38 WINGATE STATION

Asset #: 13720

Mechanical	Current Repair	Future Repla	acement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2029	* *	1	\$400	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 39 PENNSYLVANIA STATION

Address : 265 PENNSYLVANIA AVE. BTWN PITKIN AVE - BELMONT AVE
Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.039 / 13997 Yr Built/Renovated :

Area Sq Ft : 10,000 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 3738 Lot : 7 BIN : 3048341

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$575,000	
Interior Architecture	\$429,400	
Electrical		\$138,100
Total	\$1,004,400	\$138,100
Importance Code A	\$575,000	
Importance Code B	\$240,100	\$138,100
Importance Code C	\$189,300	
Total	\$1,004,400	\$138,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,500			
Interior Architecture	\$88,000			\$400
Electrical	\$16,800	\$700	\$700	\$1,700
Mechanical	\$6,700	\$800	\$700	\$800
Site Pavements	\$3,200			
Total	\$139,200	\$1,500	\$1,400	\$2,900
Importance Code A	\$25,000	\$500	\$500	\$500
Importance Code B	\$53,500	\$1,000	\$900	\$2,400
Importance Code C	\$60,700			
Total	\$139,200	\$1,500	\$1,400	\$2,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 39 PENNSYLVANIA STATION

Asset #: 13997

chitecture		Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
erior									
Exterior Walls	20/	3.7	# 100		* *	_	#1 000		
Cast in Place Concrete		Now	\$400	LIFE		5	\$1,800		
	1 0.		derate, Area Affect		Ó				
	Location	: Base Of	Building - Street F	acade					
Cast Stone/Terra Cotta	3%			LIFE	* *	5	\$8,200		
Masonry: Brick	38%	0-2	\$4,000	LIFE	* *	5	\$6,700		
	Int Morta	r Miss/Eroa	l, Extent : Light, A	rea Affec	ted : 15%				
	Location	: Street Fa	cade						
Masonry: Brick	52%	Now	\$82,500	LIFE	* *	5	\$9,100		
	Diagonal Cracks, Extent : Severe, Area Affected : 15%								
	Location: Rear Walls And Rear Corners - Tree Roots Encroaching From Adjoining Lot								
	Repointing	g Failure, E	Extent : Severe, Are	a Affecte	ed : 25%		•		
		•	Rear Walls	33					
	Spalling, 1	Extent : Mo	derate, Area Affect	ted : 15%	ó				
	-		Rear Walls						
	Worn/Ero	ded. Extent	: Severe, Area Affa	ected : 2	5%				
			Rear Walls		.,0				
Metal Sect. OHD	5%		\$2,700	2041	* *	5	¢1 400		
Metal Sect. OnD			\$2,700 tent : Light, Area 1			3	\$1,400		
	-		ieni . Ligni, Area l l Of Overhead Doo		. 1370				
			·		2/				
		ıng, Extent : Jamb - M	: Light, Area Affec	nea : 10)	70				
	Location	: Jamo - W	tetat Door						
Windows	1000/			LIEE	* *	-	Ø5 400		
Glass Block	100%	,		LIFE		5	\$5,400		
	Other Observation, Extent : Light, Area Affected : 100% Location : Street Facade								
				,, D	D:10 C1	ni i	C 1 771		
	Explana	non : Most	Wall Penetrations	наve Be	en Brick Over. Gla	ass Block	Covers Less That		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13997

Architecture	Curre	ent Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail D Total (Year	eate Estimated Cost rs)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Parapets Cast Stone/Terra Cotta	5% Now	\$13,100 Moderate, Area Affec	LIFE	* *	5	\$800	
	Location : Thro	ughout Coping sh, Extent : Moderate		ed : 25%			
Cast Stone/Terra Cotta	2%		LIFE	* *	5-10	\$1,200	
	Location : Stree	n, Extent : Light, Arec et Facade Decorative Element	ı Affected : 10	00%			
Masonry: Brick	Location: Rear Spalling, Extent:	7 \$35,600 Erod, Extent : Severe, And Side Parapet Wa Severe, Area Affected And Side Parapet Wa	alls l : 30%	* * 1 : 30%	5	\$600	1
Masonry: Brick	25% 4+ Staining/Discolor Location : Stree	\$1,500 ring, Extent : Moderate et Facade	LIFE e, Area Affect	* * ted : 35%	5	\$500	
Metal: Cage/Fence		\$300 ners, Extent : Modera nchor Plates - Exterio			5	\$2,300	
Pre-Cast Concrete	3%		LIFE	* *	5	\$800	
Roof Modified Bitumen	90% Now Blisters, Extent: Location: Thro	Moderate, Area Affect	2038 ted : 50%	* *			1
	Miss/Damaged F Location : Impr Seams Open/Split	lashings, Extent : Seve oper Termination Of I s, Extent : Severe, Area ll Improperly Patched	Roof Material a Affected : 2.	With No Flash	hing - Pe	rimeter Walls	
Skylight, Metal/Glass	Location : Mull Water Penetration	\$333,100 g, Extent : Severe, Are ions Corroded Throug n, Extent : Severe, Are urbs Of Both Lights	shout Both Lig	ghts			1

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13997

Architecture	Cu	rrent Repair	Future Replace	ment	М	aintenance	
system Component Type		l Date Estimated Cost ears)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors							
Cast in Place Concrete	Broken/Missin Location : Ai Drains Inad/M Location : Ap	1-2 \$144,900 g Elements, Extent : Seve Trench Drain (isposn, Extent : Severe, 2) opratus Floor Improperly lging, Extent : Moderate	Area Affected : 50% y Pitched To Drains	- Water	5 Runs Int	\$30,500	
	Location : Th	iroughout Apparatus Flo	oor - At All Joints, A	oron, Fl	oor Drai	ns And Thresholds	
Vinyl Tile	Broken/Missin Location : At Cracking/Crun Location : Co Worn/Eroded,	l-2 \$11,800 g Elements, Extent : Seve Thresholds nbling, Extent : Moderat prridors And Locker Roo Extent : Moderate, Area pocker Rooms And Kitchel	ere, Area Affected : e, Area Affected : 25 ms Affected : 30%		3	\$1,300	
Interior Walls							
Ceramic Tile		ow \$31,900 g Elements, Extent : Mod pilet Rooms / Locker Roo		* * l : 75%	5	\$600	
Concrete Masonry Unit		1-2 \$10,300 nbling, Extent : Moderat aroughout	LIFE e, Area Affected : 20	* *	5	\$900	
Gypsum Board	Location : Bo	g Elements, Extent : Moo ase Of Walls Throughout Surface, Extent : Modera			5	\$700	
Masonry: Brick		-2 \$189,300	LIFE	* *			
masom y. Drick	Diagonal Crac Location : Ap Water Penetra	cks, Extent : Severe, Arecoparatus Walls, Storage Ation, Extent : Severe, Arecops Of Rear Wall In Storage	ı Affected : 30% Area In Rear Of Bui ea Affected : 10%	lding			
Masonry: Fieldstone	Other Observa Location : Bo	-4 \$7,800 tion, Extent : Moderate, asement / Crawl Space A : Joint Erosion	==	* *			
Plaster	Location : Bo Staining/Disco	ow \$9,300 nbling, Extent : Severe, A nthroom Areas / At Show loring, Extent : Severe, A nthroom Areas / At Show	ers Area Affected : 20%	* *	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13997

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	Cracking/C Location	: Througho		30		5	\$1,100	
	Location Water Pend	: Bathroom etration, Ex	Extent : Severe, Ar as / Locker Rooms stent : Moderate, A as / Locker Rooms	30				
AcousTileSusp.Lay-In	5% Staining/D Location		\$1,400 Extent : Moderate	2033 c, Area A	* * ffected : 15%	5	\$400	
Exposed Concrete	Location Worn/Eroa	: At Roof P led, Extent :	\$95,200 lerate, Area Affect enetrations Throu Moderate, Area L ocations Through	ghout Ap Affected	ppratus Floor	5	\$2,300	
Site Pavements Public Sidewalk								
Cast in Place Concrete			\$3,200 ctent : Moderate, A Leading To Appar	00				

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2028	\$4,800	5		
	Other Observation, Extent :	Moderate, Area Affect	ed : 100%			
	Location: Basement					
	Explanation: Two 200 Am	peres Main Disconnec	t Switch			
Raceway						
Conduit	95%	2028	\$29,700	1		
Conduit	5%	2048	* *	1		
Panelboards						
Fused Disc Sw	5%	2027	\$1,900	5		
Molded Case Bkrs	90%	2027	\$34,600	5	\$200	
Molded Case Bkrs	5%	2044	* *	5		
Wiring						
Thermoplastic	95%	2028	\$26,300	1		
Thermoplastic	5%	2048	* *	1		
Motor Controllers						
Locally Mounted	100%	2026	\$14,400	5	\$100	

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Explanation: Stained/Discolored

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13997

Electrical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100% Now \$9,500	LIFE	**	5	\$100	
	Other Observation, Extent: Severe, Ar	ea Affected : 100	%			
	Location: Water Main Basement					
Stand-by Power	Explanation: Corroded					
Transfer Switches						
Automatic	100%	2026	\$4,800	1	\$3,100	
Tutomane	Other Observation, Extent : Moderate,			1	ψ5,100	
	Location: Basement					
	Explanation : One Ats					
Generators						
Diesel	100%	2024	\$65,700	1	\$3,900	
	Other Observation, Extent : Moderate,	Area Affected : 1	00%			
	Location: Generator Room, Garage					
-	Explanation: One 81 Kva					
Batteries	1000/	2010	#1.500	~	# 400	
Lead/Acid	100%	2019	\$1,500	5	\$400	
Fuel Storage Day Tank	100%	2027	\$700	5	\$1,900	
Day Talik	Other Observation, Extent : Moderate,			3	\$1,900	
	Location: Generator Room, Garage	in early cerea . 1	0070			
	Explanation: One 60 Gallons					
Lighting	7					
Interior Lighting						
Fluorescent	50%	2033	* *	10	\$4,600	
	Other Observation, Extent : Moderate,	Area Affected : 1	00%			
	Location: Garage And Supply Room					
	Explanation: T-8 Lamps					
Fluorescent	50%	2023	\$13,500	10	\$4,600	
	T-12 Lamps And Fixtures, Extent: Mod	derate, Area Affe	cted : 100%	ó		
	Location : Office, Locker Room, Bath	room And Hallw	ay			
Egress Lighting						
Emergency, Service	40%	2023	\$2,000	1		
Emergency, Service	10%	2033	**	1	42.00	
Emergency, Battery	10%	2023	\$1,300	10	\$200	
Exit, Service	40%	2023	\$400	1		
Exterior Lighting HID	100%	2022	\$27.700	10		
пір	100%	2023	\$37,700	10		

Mechanical	Current Repai	r Future R	eplacement	Maintenance	
System Component Type	% of Fail Date Estin	mated Cost Year Es FY	·	rcle Estimated Cost rs)	Priority
Heating Energy Source					
Natural Gas	100%	2038	** 1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13997

Mechanical	Current Repair	Future Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority		
Heating Conversion Equipment Furnace	20% Other Observation, Extent : Light, Ard Location : Storage Room Explanation : 1 Unit	2036 * * * ea Affected : 20%	* 1 \$1,000			
Furnace	60% Other Observation, Extent: Light, Ard Location: 1st Floor Explanation: 3 Units	2028 \$13,200 ea Affected : 60%	0 1 \$3,000			
Hot Water Boiler	20% Other Observation, Extent: Light, Arc Location: Basement Explanation: 1 Unit	2033 * * ? ea Affected : 20%	* 1 \$1,000			
Distribution				-		
Hot Wtr Piping/Pump No Component	20% 80%	2027 \$2,900	\$100			
Terminal Devices Convector/Radiator No Component	20% 80%	2026 \$10,000) 1 \$700			
Air Conditioning	0070					
Energy Source						
Electricity Conversion Equipment	100%	2036 **	* 1			
Split Unit	10% Other Observation, Extent: Light, Ard Location: Womens Locker Room Explanation: 1 Unit. R-410a	2036 * ° ea Affected : 10%	*			
Window/Wall Unit No Component	20% 70%	2023 \$3,900) 1			
Terminal Devices Fan Coil - 2 Pipe No Component	10% 90%	2036 * *	* 1 \$300			
Heat Rejection Evaporative Condenser No Component	10% 90%	2036 * *	* 2 \$700			
Ventilation						
Exhaust Fans Roof	100% Now \$1,600 2023 \$15,500 2 \$200 Not in Service, Extent: Severe, Area Affected: 50% Location: 1 Unit, Roof Other Observation, Extent: Light, Area Affected: 100% Location: Garage Ceiling Explanation: 2 Units					
Plumbing				_		
H/C Water Piping Brass/Copper	100%	2048 * *	* 1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13997

echanical	Current Rep	Current Repair		Future Replacement		Maintenance		
stem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
mbing								
Water Heater								
Gas Fired	100%		2026	\$5,700	2	\$100		
Sanitary Piping								
Cast Iron	100% Now	\$3,400	LIFE	* *	1			
	Blockage /Clogged, Exter	nt : Severe, Are	a Affecte	d: 30%				
	Location : Garage Sewe	age Drain Line						
Storm Drain Piping								
Cast Iron	100% Now	\$1,000	LIFE	* *	1			
	Blockage /Clogged, Extent : Severe, Area Affected : 5%							
	Location : Office Area							
Sump Pump(s)								
Non-Submersible	100%		2023	\$1,400	4	\$300		
Fixtures								
Generic	100%							
	Obsolete Fixtures, Extent : Severe, Area Affected : 100%							
	Location : 1st Floor							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 4 LOWER EAST SIDE OP

Address : PIER 36 EAST RIVER

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 20,040 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 241 Lot : 13 BIN : 1811158

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$225,500	\$40,900
Interior Architecture	\$163,100	
Electrical		\$274,700
Mechanical		\$45,500
Site Pavements	\$56,800	
Total	\$445,400	\$361,100
Importance Code A	\$225,500	\$40,900
Importance Code B	\$79,400	\$320,200
Importance Code C	\$140,500	
Total	\$445,400	\$361,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$96,500		\$2,700	
Interior Architecture	\$81,600			\$2,200
Electrical	\$6,400	\$3,300	\$3,400	\$5,200
Mechanical	\$18,900	\$3,100	\$5,600	\$2,900
Site Enclosure	\$29,200			
Total	\$232,600	\$6,400	\$11,600	\$10,300
Importance Code A	\$97,400	\$1,100	\$3,600	\$1,100
Importance Code B	\$100,900	\$5,300	\$8,100	\$9,200
Importance Code C	\$34,300			
Total	\$232,600	\$6,400	\$11,600	\$10,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13982

Architecture	Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Cast in Place Concrete	5% Now Cracking/Crumbling, Location: West Sia	_	LIFE ea Affecte	* * ed : 2%	5	\$10,700	
Masonry: Brick	73% 0-2 Jnt Mortar Miss/Eroc Location : North Fo		LIFE te, Area A	* * Affected : 80%	5	\$31,200	
Metal Panel	2% Now	\$600	2048	* *	5	\$1,600	
	Other Observation, E Location: North Si Explanation: Dam	de	Area Affe	cted : 2%			
Metal Coiling Doors	4%		2041	* *	5	\$5,300	
Metal Coiling Doors	1% Now	\$24,200	2048	* *	5	\$700	1
C	Broken/Missing Elen Location : Through		re, Area	Affected : 100%			
Pre-Cast Concrete	15%		LIFE	* *	5	\$41,600	
Windows Aluminum	100% 2-4 Glazing Clouded, Ex Location : Through Worn/Eroded, Exten	out : Moderate, Area			5	\$1,600	
-	Location : Through	out					
Parapets Cast in Place Concrete	98% 0-2 Cracking/Crumbling Location : Through	_	LIFE ea Affecte	* * ed : 10%	5	\$40,900	
Metal Panel	2% 0-2 Broken/Missing Elen Location: Through		2048 t, Area A	* * ffected : 10%	5	\$200	
Roof							
Built-Up (BUR)	95% 0-2 Miss/Damaged Flash Location: Through Ponding, Extent: Mc Location: North D Water Penetration, E Location: 3rd Floo	out oderate, Area Affec rain Extent : Light, Area	ted : 5%				
Roll Roofing	5% 0-2 Cracking/Crumbling, Location: Through	\$3,100 Extent : Severe, A	2030 rea Affec	* * rted : 100%	5	\$600	1

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13982

Architecture		Current F	Repair	Futur	Future Replacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	450/	0.2	#20 (00	LIEE	* *	-	Ф22 200	
Cast in Place Concrete	Location	: Through	\$30,600 Extent : Light, Area out anine Level	LIFE Affected		5	\$32,200	
Ceramic Tile	2%	0-2	\$600	2037	* *	5	\$300	
	_	Crumbling, : Through	Extent : Light, Are	ea Affect	ed : 10%			
Vinyl Tile	53%	Now	\$29,500	2033	* *	3	\$6,500	
			xtent : Moderate, A por Throughout	Area Affe	cted : 2%			
Interior Walls								
Ceramic Tile	_	0-2 Crumbling, : Through	\$1,200 Extent : Light, Ard out	2037 ea Affect	* * ed : 10%	5	\$400	
Concrete Masonry Unit	Cracking/	_	\$83,800 Extent : Light, Ard oor Truck Port	LIFE ea Affect	* * ed : 2%	5	\$15,100	
Gypsum Board	5%			LIFE	* *	5-10	\$3,700	
Masonry: Brick	2%			LIFE	* *	10	\$300	
Plaster	5%			LIFE	* *	5-10	\$1,900	
Ceilings AcousTileSusp.Lay-In	Misaligned Location Staining/D	: Third Flo Discoloring,	Extent : Moderate			5	\$9,800	
	Other Obs Location	: Third Flo	oor Office Extent : Light, Area oor Work Area aged Ceiling Tiles	Affected	! : 2%			
Exposed Concrete	35%			LIFE	* *	5-10	\$14,300	
Exposed Struc: Steel	5%			LIFE	* *	10	\$3,300	
Site Enclosure						*	4-70	_
Fence/Gates Chain link	Other Obs Location	: Northeas	\$29,200 Extent : Severe, Are st Corner tural Member Is Lo			e		
Site Pavements								
Public Sidewalk Cast in Place Concrete	100%			2041	* *			
On-Site Walkways Cast in Place Concrete	100%			2041	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13982

Architecture		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%	0-2	\$56,800	2031	* *			
	Cracking/C	rumbling, Exte	nt : Moderate	, Area Aj	ffected : 10%			
	Location	: Throughout						
Cast in Place Concrete	10%			2041	* *			

Electrical	(Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2048	* *	5	\$100	
		vation, Extent : Light, Ared	ı Affected	! : 100%			
		Electrical Room					
	Explanation	n : Main Service Switch Ro	ited @ 30	000 Amperes.			
Transformers							
Dry Type	100%		2041	* *	5	\$100	
		vation, Extent : Light, Ared	ı Affected	! : 100%			
		Electrical Room					
	Explanatio	n: 1000kva, 480/277/208	Volts				
Switchgear / Switchboard	1000/		2040	* *	_	#100	
Fused Disc Sw	100%		2048		5	\$100	
		vation, Extent : Light, Area	ı Affected	: 100%			
		Electrical Room					
	Explanation	n : 2- Vertical Sections					
Raceway	900/		2049	* *	1		
Conduit	80%		2048		1		
Conduit	20%		2028	\$6,300	1		
Panelboards	20/		2027	0000	-		
Fused Disc Sw	2%		2027	\$800 * *	5	¢400	
Molded Case Bkrs	80%		2044		5	\$400	
Molded Case Bkrs	18%		2027	\$6,900	5	\$100	
Wiring	200/		2029	¢5 500	1		
Thermoplastic	20% 80%		2028 2048	\$5,500 * *	1		
Thermoplastic	80%		2048		1		
Motor Controllers	100%		2026	¢14.400	_	¢100	
Locally Mounted	100%		2026	\$14,400	5	\$100	
Ground Davises							
Grounding Devices Generic	100%		LIFE	* *	5	\$600	
Generic		vation, Extent : Moderate,			3	\$000	
		vanon, Extent . Moderate, Boiler Room	лгеи лује	ски. 100/0			
		вонег коот n : Connected To Metal W	atar Dina				
Stand by Dayran	Елріанано	n . Connected 10 Metal W	мет Етре				

Stand-by Power

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13982

Electrical	Current Repair	Future l	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Stand-by Power							
Transfer Switches	1000/	2041	* *	1	# (3 00		
Automatic	100% Other Observation, Extent: Light, Are Location: 1st Floor Service Room Explanation: Asco Type Switch, 200			1	\$6,200		
Generators							
Diesel	100% Other Observation, Extent: Light, Are Location: Outside Explanation: 80 Kva	2037 ea Affected :	**	1	\$7,800		
Batteries							
Lead/Acid	100%	2022	\$1,500	5	\$700		
Fuel Storage Day Tank	100% Other Observation, Extent : Light, Are Location : Belly Tank / Outside Explanation : 60 Gallons	2044 ea Affected :	* *	5	\$3,700		
Lighting							
Interior Lighting							
Fluorescent	90% T-8 Lamps And Fixtures, Extent: Ligh Location: Throughout The Building	2033 at, Area Affec	* * cted : 100%	10	\$16,500		
HID	10%	2028	\$2,000	10	\$100		
Egress Lighting							
Emergency, Battery	50%	2033	* *	10	\$2,400		
Exit, Battery	50%	2033	* *	10	\$700		
Exterior Lighting HID	100% Other Observation, Extent: Light, Are	2033 ea Affected :	* * 100%	10	\$100		
	Location : Outside/ Perimeter Explanation : 16 Hid Light Fixtures						
	Expunution . 10 IIII Light Fixtures						
Security System							
Generic	100% Other Observation, Extent: Light, Are Location: Outside Explanation: 13 CCTV Surveillance		\$60,500 100%	1	\$7,500		
Fire/Smoke Detection Generic, Analog	100% Other Observation, Extent: Moderate Location: Hallways And Office Explanation: Manual Pull Station, S			1-3	\$12,700		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13982

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	100/			2049	* *	1		
Electricity Natural Gas	10% 90%			2048 2048	* *	1 1		
Conversion Equipment	9070			2046		1		
Hot Water Boiler	Location	ervation, E : Mechani ion : One i		2045 a Affected	**	1	\$8,900	
Radiant Heater	Location	: 3rd Floo	Extent : Light, Area or Men And Women e Electric Cabinet	ıs Locker	Rooms	2	\$900	
Distribution Hot Wtr Piping/Pump		0-2 riorating, : Through	\$600 Extent : Severe, Ai out	2044 rea Affect	* * red : 100%	4	\$1,000	
Terminal Devices								
Convector/Radiator	80%			2041	* *	1	\$5,200	
Unit Heater - Steam	20%			2028	\$13,400	4	\$500	
	Location	: 1st Floor	Extent : Light, Area r Ceiling l Condition	ı Affected	: 20%			
Air Conditioning								
Energy Source	1000/			• • • • •	* *			
Electricity	100%			2044	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	30%			2028	\$45,500	2	\$400	
Window/Wall Unit	60%	Now	\$4,700	2023	\$23,400	1		
	Broken, Ex	tent : Mod	lerate, Area Affecto r Office Area					
No Component	10%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	\$9,800	
No Component	70%							
Ventilation								
Distribution Ductwork/Diffusers	60%			LIFE	* *	2-5	\$10,600	
No Component	40%			LILE		2-3	\$10,000	
Exhaust Fans	7070							
Roof	100%			2033	* *	2	\$600	
Plumbing	10070						Ψ000	
H/C Water Piping								
Brass/Copper		nt, Extent	\$2,800 : Severe, Area Affa	2048 ected : 10	* *	1		
	Location	: Mens Lo	cker Room					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13982

Mechanical	Current Repair	Current Repair Future Replacement Maintenance				
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2028	\$11,400	2	\$300	
	Other Observation, Extent : Light,	Area Affected : 10	00%			
	Location: Boiler Room					
	Explanation: 1 - 74 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Standpipe						
Generic	100%	2054	* *	1-5	\$10,100	
Sprinkler						
Generic	100%	2048	* *	1-2	\$5,600	
Chemical System						
Dry	10%	2026	\$200	1-3	\$400	
	Other Observation, Extent : Moder	ate, Area Affectea	d: 10%			
	Location: Kitchen					
	Explanation: Pcl-160					
No Component	80%					
Generic	10%	2023	\$200	1-3	\$400	
	Other Observation, Extent: Light,	Area Affected : 10	00%		•	
	Location: Throughout					
	Explanation: Fire Extinguishers					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 43 GRAVESEND STATION

Address : CONEY ISLAND HOSPITAL 2601 OCEAN PARKWAY

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,136 Project Type : FIRE DEPARTMENT

Date of Survey : 08-Apr-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 7239 Lot : 1 BIN : 3337274

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$109,500	
Interior Architecture	\$175,300	\$35,400
Total	\$284,700	\$35,400
Importance Code A	\$109,500	
Importance Code B		\$35,400
Importance Code C	\$175,300	
Total	\$284,700	\$35,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,100			
Interior Architecture	\$17,300	\$100		\$1,100
Electrical				
Mechanical	\$2,100	\$200	\$200	\$200
Total	\$55,500	\$300	\$200	\$1,400
Importance Code A	\$36,100			
Importance Code B	\$19,400	\$300	\$200	\$1,400
Importance Code C				
Total	\$55,500	\$300	\$200	\$1,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14009

Architecture	Current Repair	Future Replacement	Future Replacement Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Exterior					
Exterior Walls					
Masonry: Brick	80% Now \$58,60		5 \$19,500		
	Horizontal Cracks, Extent : Severe, A Location : Main Entrance	Area Affectea : 10%			
	Int Mortar Miss/Erod, Extent: Mode	orate Area Affected : 10%			
	Location: Throughout Entire Faca				
	Loose/Delam Surface, Extent : Sever				
	Location : At Entrance	, 30			
	Rusting Masonry Supt, Extent: Mode	erate, Area Affected : 25%			
	Location: Over Main Entrance				
	Other Observation, Extent: Light, A	rea Affected : 100%			
	Location: Throughout				
M + 1G + OHD	Explanation: Building Is Undergo	•	* *		
Metal Sect. OHD	20%	2029 **	5 \$15,200		
Windows Aluminum	100% 2-4 \$50,80	0 2049 **	5 \$600		
Aluminum	Air Infiltration, Extent : Light, Area		3 \$000		
	Location : Throughout	33			
Parapets					
Masonry: Brick	100% Now \$10,00		5 \$1,700		
	Cracking/Crumbling, Extent: Moder	rate, Area Affected : 10%			
	Location: Throughout	. A ACC . 1 500/			
	Jnt Mortar Miss/Erod, Extent : Mode Location : Throughout	erate, Area Affectea : 50%			
Roof	Locuiton : Inroughout				
Built-Up (BUR)	50% 0-2 \$18,60	0 2034 **			
Built of (Bott)	Blisters, Extent : Moderate, Area Aff				
	Location : Flat Section				
	Vegetation Growth, Extent : Modera	te, Area Affected : 25%			
	Location: Flat Section				
	Worn/Eroded, Extent : Moderate, Ar	rea Affected : 25%			
	Location: Flat Section				
Modified Bitumen	50%	2024 \$23,600	10 \$4,100		
Interior					
Floors Cost in Place Commute	000/ 0.2 \$16.00	Λ I IEE **	5 025 400		
Cast in Place Concrete	90% 0-2 \$16,80 Cracking/Crumbling, Extent: Moder		5 \$35,400		
	Location: Throughout	т, тапусова . 10/0			
Ceramic Tile	5%	2033 **	5 \$900		
Vinyl Tile	5%	2029 **	3 \$300		
viniyi i ne	570	2027	J \$300		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14009

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$900	
Concrete Masonry Unit	15%			LIFE	* *	5	\$1,100	
Gypsum Board	20%			LIFE	* *	5	\$2,300	
Masonry: Brick	60%	Now	\$175,300	LIFE	* *			
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	cted : 40%			
	Location	: Through	out					
	Misaligne	d/Bulging, 1	Extent : Severe, Ar	ea Affeci	ed : 50%			
	Location	: Through	out					
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	\$2,300	
AcousTileSusp.Lay-In	5%			2029	* *	5	\$900	
Exposed Concrete	80%			LIFE	* *	5	\$2,300	
Plaster	5%			LIFE	* *	5	\$600	
	Water Pen	etration, E	xtent : Light, Area	Affected	: 5%			
	Location	: Tour Lie	utenant Office					

Electrical	Current Repair	Future I	Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	20%	2024	\$6,300	1		
Under Construction	80%					
	Other Observation, Extent : Light, A	rea Affected :	0%			
	Location: Throughout					
	Explanation : Electrical Systems L	Damaged By Su	per Storm Sandy			
Panelboards						
Fused Disc Sw	5%	2023	\$1,900	5		
Molded Case Bkrs	30%	2023	\$11,500	5		
Under Construction	65%					
Wiring						
Thermoplastic	20%	2024	\$5,500	1		
Under Construction	80%					
Motor Controllers						
Under Construction	100%					
Ground						
Grounding Devices						
Under Construction	100%					
Lighting						
Interior Lighting						
Fluorescent	20%	2024	\$2,200	10	\$800	
	Other Observation, Extent : Modera	ite, Area Affect	ed : 100%			
	Location : Offices					
	Explanation: T-8 Fixtures					
Under Construction	80%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14009

Electrical	Cui	rrent Repair	Futur	e Replacement	М		
System Component Type	, , , , , , , , , , , , , , , , , , , ,	Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Under Construction	100%						
Exterior Lighting							
Under Construction	100%						
Alarm							
Security System							
Under Construction	100%						
Fire/Smoke Detection							
Under Construction	100%						

Mechanical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Plant Campus Steam / PRV	100%	2034	* *	1		
	Other Observation, Extent Location: Power Plant Explanation: Steam Pro	. 33		no		
Distribution	Expirition : Steam 1 To	raca i rom rajacem i	ower I tant Butta	118		-
Central Plant Steam Piping/Pmp	100%	2034	* *	4	\$200	
	Location : Throughout Explanation : Undergoin By Superstorm Sandy	g Construction At Tim	e Of Survey - Meca	hanical S	Systems Damaged	
Terminal Devices	400/	2024	¢21 000	1	¢1 000	
Air Handler	40% Other Observation, Extent Location: Throughout Explanation: Undergoin	. 33		1	\$1,000	
Convector/Radiator	10%	2029	* *	1	\$100	
	Other Observation, Extent Location : 1st Floor Offi Explanation : Undergoin	ces				
Unit Heater - Steam	50%	2024	\$6,900	4	\$300	
Air Conditioning						
Energy Source						
Electricity	100%	2032	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14009

System Component Type 75	Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
Conversion Equipment Exterior Pkg Unit	Component		Estimated Cost		Estimated Cost	-	Estimated Cost	Priority
Exterior Pkg Unit								
Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout	Exterior Pkg Unit -	25%		2024	\$7,800	2	\$100	
Explanation : Undergoing Construction At Time Of Survey	8	Other Observation, I	Extent : Moderate, A	Area Affe	ected : 100%			
Window/Wall Unit No Component 50% 2019 \$2,000 1		_						
No Component 50%		Explanation: Unde	ergoing Construction	on At Tim	ne Of Survey			
Ventilation Distribution Distribution Ductwork/Diffusers 40% LIFE * * 2-5 \$900 No Component 60%	Window/Wall Unit			2019	\$2,000	1		
Distribution	-	50%						
Ductwork/Diffusers No Component								
No Component 60%		400/		TIPE		2.5	Ф000	
Plumbing H/C Water Piping Galvanized Steel 100% 2029 ** 1 Water Heater Under Construction 100% Sanitary Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Fire Pump Under Construction 100% Fire Pump Under Construction 100% Chemical System				LIFE	* *	2-5	\$900	
H/C Water Piping Galvanized Steel 100% 2029 ** 1 Water Heater Under Construction 100% Sanitary Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		60%						
Galvanized Steel 100% 2029 ** 1 Water Heater Under Construction 100% Sanitary Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System								
Water Heater Under Construction Sanitary Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		100%		2029	* *	1		
Under Construction 100% Sanitary Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout Explanation : Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout Explanation : Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		10070		202)				
Cast Iron 100% LIFE *** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE *** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		100%						
Cast Iron 100% LIFE *** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE *** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System	Sanitary Piping							
Location: Throughout Explanation: Undergoing Construction At Time Of Survey Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		100%		LIFE	* *	1		
Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		Other Observation, I	Extent : Moderate, 1	Area Affe	ected : 100%			
Storm Drain Piping Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		Location : Through	out					
Cast Iron 100% LIFE ** 1 Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		Explanation : Unde	ergoing Construction	on At Tim	ie Of Survey			
Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System								
Location: Throughout Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System	Cast Iron					1		
Explanation: Undergoing Construction At Time Of Survey Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System				Area Affe	ected : 100%			
Fixtures Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		_		A . T:	0.00			
Generic 100% Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System	E'astana	Explanation : Unae	ergoing Construction	on At 1 im	ie Of Survey			
Fire Suppression Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		1000/						
Standpipe Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		10070						
Under Construction 100% Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System								
Sprinkler Under Construction 100% Fire Pump Under Construction 100% Chemical System		100%						
Under Construction 100% Fire Pump Under Construction 100% Chemical System		10070						
Fire Pump Under Construction 100% Chemical System	-	100%						
Under Construction 100% Chemical System								
		100%						
Under Construction 100%	Chemical System							
	Under Construction	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 44 BROWNSVILLE STATION

Address : 266 ROCKAWAY AVE. @ BERGEN ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.044 / 13998 Yr Built/Renovated :

Area Sq Ft : 8,000 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1448 Lot : 40 BIN : 3038942

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$120,500
Electrical		\$65,700
Site Pavements		\$47,200
Total		\$233,400
Importance Code B		\$134,500
Importance Code C		\$98,900
T. (.)		#222 400

Total \$233,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,900	\$600		\$31,200
Interior Architecture	\$13,600		\$1,000	\$1,400
Electrical	\$2,400	\$600	\$600	\$700
Mechanical	\$47,600	\$900	\$800	\$900
Site Enclosure				\$3,400
Total	\$78,500	\$2,100	\$2,300	\$37,500
Importance Code A	\$49,700	\$1,000	\$400	\$31,600
Importance Code B	\$28,700	\$1,100	\$1,900	\$1,600
Importance Code C				\$4,300
Total	\$78,500	\$2,100	\$2,300	\$37,500



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 44 BROWNSVILLE STATION

Asset #: 13998

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Sect. OHD	10%			2037	* *	5	\$7,600	
Stucco Cement	90%			2037	* *	5	\$54,700	
Windows								
Aluminum	100%			2040	* *	5	\$1,200	
Roof								
Metal Panel	100%			2029	* *	10	\$14,900	
nterior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$19,700	
Ceramic Tile	5%			2027	\$17,400	5	\$900	
Vinyl Tile	45%			2024	\$68,800	3	\$3,000	
Interior Walls								
Ceramic Tile	10%			2027	\$51,700	5	\$1,900	
Concrete Masonry Unit	30%			LIFE	* *	5	\$2,300	
Gypsum Board	60%			LIFE	* *	5	\$6,800	
Ceilings								
AcousTileSusp.Lay-In	50%			2029	* *	5	\$9,000	
Gypsum Board	50%	Now	\$9,100	LIFE	* *	5	\$11,300	
	Cracking/0	Crumbling,	Extent: Moderate	, Area A	ffected : 10%			
	Location	: Apparatu	s Room					
	Water Pen	etration, E	xtent : Severe, Area	a Affecte	d: 10%			
	Location	: Apparatu	s Room					
Site Enclosure								
Fence/Gates								
Chain link	90%			2034	* *			
Wood	10%			2022	\$3,400			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2029	* *			
Parking/Driveway								
Asphalt	85%			2027	\$47,200			
Cast in Place Concrete	15%			2029	* *			

lectrical	Current Repair	Future Rep	placement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts		•				
Service Equipment						
Molded Case Bkrs	100%	2034	* *	5	\$200	
	Other Observation, Extent: Moderate,	Area Affected	: 100%			
	Location: Electrical Room					
	Explanation: No Nameplate Ratings	Available				
Raceway						
Conduit	100%	2034	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 44 BROWNSVILLE STATION

Asset #: 13998

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	100%	2032	* *	5	\$200	
Wiring	1000/	2024	* *			
Thermoplastic	100%	2034	* *	1		
Grounding Davises						
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Stand-by Power	10070	LIIL			\$100	
Transfer Switches						
Automatic	100%	2029	* *	1	\$2,500	
Generators					 	
Diesel	100%	2027	\$65,700	1	\$3,100	
	Other Observation, Extent: Mod	lerate, Area Affecte	ed : 100%			
	Location: Mechanical Room					
	Explanation: Emergency Gene	erator Rated @ 6.3	Kva			
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage	1000/	2020	* *	-	#200	
Main Tank	100%	2039		5	\$200	
	Other Observation, Extent : Mod Location : Mechanical Room	вегате, Агеа Ајјесте	ea: 100%			
	Explanation : 60 Gallon Capac	oity				
Lighting	Explanation: 00 Gation Capac	au y				
Interior Lighting						
Fluorescent	90%	2024	\$19,500	10	\$6,600	
	T-8 Lamps And Fixtures, Extent	: Moderate, Area A			. ,	
	Location : Throughout The Bui	lding				
Fluorescent	10%	2024	\$2,200	10	\$700	
	T-12 Lamps And Fixtures, Extend				* . * *	
	Location : Apparatus Floor					
Egress Lighting						
Emergency, Service	50%	2024	\$2,000	1		
Exit, Service	50%	2024	\$400	1		
Exterior Lighting						
HID	100%	2024	\$30,200	10		

Mechanical	Current I	Repair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2034	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 44 BROWNSVILLE STATION

Asset #: 13998

Mechanical	Current Repa	nir Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment	4007	2020	de de		01 (00	
Furnace	40%	2029	**	1	\$1,600	
	Other Observation, Exten	t : Light, Area Affectea	: 40%			
	Location: Truck Bay	1 M - 1 II				
T . T . D . T	Explanation: 3 Gas Fir		* *		Φ2 100	
Hot Water Boiler	60% 0-2	\$34,600 2044		1	\$2,100	
	Corroded, Extent: Model		Ó			
	Location: 1st Floor Me		4.1.1000/			
	On Extended Life, Extent Location: 1st Floor Me		tea : 100%			
	Other Observation, Exten		natad + 1000/			
	Location : 1st Floor Me		ciea . 100%			
	Explanation: 2 Weil Mo					
Distribution	Explanation . 2 Well Mo	luin II W Dollers				
Hot Wtr Piping/Pump	60% 0-2	\$400 2032	* *	4	\$200	
Hot wa Fiping/Fump	Corroded, Extent : Modes		á	-	Ψ200	
	Location : 1st Floor Me		•			
	Other Observation, Exten		ected : 100%			
	Location : 1st Floor Me					
	Explanation: 2 H W Pt	umps				
No Component	40%	· · · · · ·				
Terminal Devices	1070					
Convector/Radiator	60%	2029	* *	1	\$1,600	
No Component	40%				, , , , , , , , , , , , , , , , , , , ,	
Air Conditioning						
Energy Source						
Electricity	100%	2032	* *	1		
Conversion Equipment						
Window/Wall Unit	60%	2019	\$9,400	1		
No Component	40%					
Ventilation						
Exhaust Fans						
Not Accessible	100%					
Plumbing						
H/C Water Piping	1000/	***	ai. •			
Brass/Copper	100%	2034	* *	1		
Water Heater	1000/	2022	** ** ** ** ** ** ** **	_	4100	
Gas Fired	100%	2023	\$4,600	2	\$100	
Sanitary Piping	1000/ 31	\$2.700 TIPE	* *	1		
Cast Iron	100% Now	\$2,700 LIFE		1		
	Blockage /Clogged, Extent Location: Truck Bay Se		ca : 10%			
Backflow Preventer	Locunon . 1 ниск д ау S е	wage Line				
Generic Generic	100%	2024	\$1,900	1	\$500	
	100/0	2024	\$1,900	1	\$300	
Fixtures Generic	100%					
Fire Suppression	10070					

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 44 BROWNSVILLE STATION

Asset #: 13998

Mechanical	Current Rep	air Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Sprinkler Generic	100%	2034	* *	1-2	\$2,200	
Generic	100%	2034		1-2	\$2,200	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 45 WOODSIDE STATION

Address : 58-65 52ND ROAD

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \quad FIRSEMS.045 \, / \, 14001 \qquad \qquad Yr \, Built/Renovated \quad : \quad$

Area Sq Ft : 8,000 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Apr-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2351 Lot : 23 BIN : 4054172

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$270,200	\$47,200
Interior Architecture	\$47,700	
Total	\$317,800	\$47,200
Importance Code A	\$270,200	\$47,200
Importance Code B	\$47,700	
Total	\$317,800	\$47,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,400	\$100		_
Interior Architecture	\$3,900			\$1,100
Electrical	\$38,800	\$600	\$600	\$7,900
Mechanical	\$5,800	\$800	\$1,300	\$7,400
Total	\$59,900	\$1,500	\$1,800	\$16,400
Importance Code A	\$11,800	\$500	\$400	\$400
Importance Code B	\$48,100	\$1,000	\$1,400	\$16,000
Importance Code C				
Total	\$59,900	\$1,500	\$1,800	\$16,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14001

Architecture		Current I	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	10%			LIFE	* *	5	\$1,500	
Concrete Masonry Unit Masonry: Brick	10%			LIFE	* *	5	\$2,400	
Metal Panel	2%			2034	* *	5-10	\$3,300	
Stucco Cement	78%	Now	\$219,500	2029	* *	5	\$23,700	
	Cracking/C	Crumbling,	Extent : Severe, A	rea Affe	cted : 60%		•	
		_	out, Corners					
	_	_	Extent : Moderate	e, Area A	ffected : 50%			
W7' 1	Location	: Through	out					
Windows Aluminum	20%			2040	* *	5	\$200	
Steel		Now	\$50,700	2049	* *	5	\$6,100	
Steel			nents, Extent : Mod		rea Affected : 25%	3	ψ0,100	
		: Through			30			
	Corrosion/	Rusting, E	xtent : Moderate, 1	Area Affe	ected : 50%			
		: Through						
	-		, Extent : Moderate	e, Area A	ffected : 50%			
D	Location	: Through	out					
Parapets Cast Stone/Terra Cotta	50/	Now	\$1,100	LIFE	* *	5	\$700	
Cast Stolle/Terra Cotta	_		d, Extent : Modera		Affected : 25%	3	\$700	
	Location			•	33			
	Open Joint	s, Extent :	Moderate, Area A	ffected :	50%			
	Location	: Coping						
Concrete Masonry Unit	95%			LIFE	* *	5	\$1,900	
Roof	1000/	3.7	#0.400	2024	45.3 00			
Modified Bitumen	100%		\$9,400	2024	\$47,200			
		n Func/Mi : Through	iss, Extent : Severe out	, Area Aj	ijeciea : 100%			
		_	oderate, Area Affec	ted : 20%	6			
	_	: Main Ro						
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	: Garage						
Interior								_
Floors Cast in Place Concrete	050/	Now	\$47,700	LIFE	* *	5	\$22.500	
Cast III Place Concrete		Now Crumbling	\$47,700 Extent : Moderate			5	\$33,500	
	Location			,				
		_	, Extent : Severe, A	Area Affe	cted : 50%			
	Location	: Garage						
Mosaic Tile	2%			2029	* *	5	\$900	
Quarry Tile	3%			2029	* *	5	\$800	
Vinyl Tile		Now	\$3,100	2024	\$15,300	3	\$700	
			Extent: Moderate	e, Area Ą	ffected : 25%			
	Location	: Exercise	коот					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14001

Architecture		Current Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Ceramic Tile	2%		2033	* *	5	\$400	
Concrete Masonry Unit	80%		LIFE	* *	5	\$6,000	
Gypsum Board	18%		LIFE	* *	5	\$2,000	
Ceilings							
AcousTileSusp.Lay-In	10%		2037	* *	5	\$1,800	
Exposed Struc: Steel	90%		LIFE	* *			
	Water Pen	etration, Extent : Moderate	e, Area Affe	ected : 10%			
	Location	: Garage					
Site Pavements							
Parking/Driveway							
Asphalt	100%		2033	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2024	\$4,800	5		
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Garrage 1st Floor					
	Explanat	ion : Two 400 Amperes Mair	Disconn	ect Switch			
Switchgear / Switchboard							
Fused Disc Sw	50%		2024	\$24,400	5		
Molded Case Bkrs	50%		2044	* *	5	\$100	
Raceway							
Conduit	80%		2024	\$25,000	1		
Conduit	20%		2044	* *	1		
Panelboards							
Fused Disc Sw	5%		2023	\$1,900	5		
Fused Disc Sw	5%		2040	* *	5		
Molded Case Bkrs	40%		2040	* *	5	\$100	
Molded Case Bkrs	50%		2023	\$19,200	5	\$100	
Wiring							
Thermoplastic	50%		2044	* *	1		
Thermoplastic	50%		2024	\$13,800	1		
Motor Controllers							
Locally Mounted	50%		2037	* *	5		
Locally Mounted	50%		2022	\$7,200	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Stand-by Power							
Transfer Switches							
Automatic	100%		2037	* *	1	\$2,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14001

Electrical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2033	* *	1	\$3,100	
	Other Observation, Exten	nt : Moderate, Area Affe	ected : 100%			
	Location: Outside					
	Explanation: One 81 H	Kva				
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Main Tank	100%	2052	* *	5	\$200	
	Other Observation, Exten	nt : Moderate, Area Affe	ected : 100%			
	Location: Outside					
	Explanation : One 60 (Gallons				
Lighting						
Interior Lighting						
Fluorescent	50%	2029	* *	10	\$3,700	
HID	20%	2029	* *	10	\$100	
HID	30%	2019	\$2,400	10	\$100	
Egress Lighting						
Emergency, Service	50%	2029	* *	1		
Emergency, Battery	5%	2029	* *	10	\$100	
Exit, Service	45%	2029	* *	1		
Exterior Lighting						
HID	50%	2019	\$15,100	10		
HID	50%	2019	\$15,100	10		

Mechanical	Current Rep	air	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Furnace	100% Now	\$400	2029	* *	1	\$3,600	
	Not in Service, Extent : S	evere, Area Aff	ected : 10	%			
	Location: 1 Motor Of 1	Modine Heater					
	Other Observation, Exter	ıt : Light, Area	Affected :	100%			
	Location : Package Un				arage		
	Explanation : 5 Packag	e Units And 4 l	Modine Ui	nit Heaters			
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14001

Mechanical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment	50%		2029	* *	2	\$200	
Ext Pkg Unit - Heating/Cooling	30%		2029		2	\$200	
Treating/Cooming	Other Observation, Ext	ent : Light, Area	Affected	: 50%			
	Location: Roof	0 .	00				
	Explanation: 5 Packe	age Units Using I	R-22 Ref	rigerant			
Window/Wall Unit	5%		2019	\$800	1		
No Component	45%						
Ventilation							
Distribution	1000/ N	¢1 400	LIDE	* *	2.5	¢4.500	
Ductwork/Diffusers	100% Now Broken, Extent : Severe	\$1,400	LIFE	7 7	2-5	\$4,500	
	Location : The Chimn						
Exhaust Fans	Zocamon i Tito Cimini	, 1 0. 1110 00110					
Roof	50%		2029	* *	2	\$100	
Wall Unit	50%		2024	\$1,300	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater	1000/		2022	Φζ. ζΩΩ	4		
Electric	100%		2022	\$6,600	4		
Sanitary Piping Cast Iron	100% Now	\$1,100	LIFE	* *	1		
Cast Holl	Blockage /Clogged, Ext			ed:5%	1		
	Location : Garage Me						
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2019	\$1,900	1	\$500	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler	1009/		2044	* *	1.2	¢2 200	
Generic	100%		2044		1-2	\$2,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 46 ELMHURST STATION
Address : ELMHURST HOSPITAL 79-01 BROADWAY

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSEMS.046 / 14002 Yr Built/Renovated :

Area Sq Ft : 11,000 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1500 Lot : 2 BIN : 4437132

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$40,000
Electrical		\$155,200
Total		\$195,200
Importance Code B		\$195,200
Total		\$195,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,400		\$1,100	
Interior Architecture	\$8,900		\$100	\$700
Electrical	\$1,200	\$1,000	\$1,200	\$1,200
Mechanical	\$5,500	\$500	\$15,800	\$500
Total	\$17,000	\$1,600	\$18,100	\$2,400
Importance Code A	\$1,600	\$200	\$1,200	\$200
Importance Code B	\$13,500	\$1,400	\$16,800	\$2,200
Importance Code C	\$1,900			\$100
Total	\$17,000	\$1,600	\$18,100	\$2,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 46 ELMHURST STATION

Asset #: 14002

chitecture	_	Current Repair	Futur	e Replacement	M	laintenance	
etem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls							
Masonry: Brick	20%		LIFE	* *	5	\$2,800	
		servation, Extent : Light, Are n : North Side	a Affected	! : 25%			
		tion : One Floor/ Split Level, Building Of Elmhurst Hospita		n Section Of Build	ling Is Att	ached To The Old	
Metal Sect. OHD	10%		2041	* *	5	\$2,200	
No Component	70%						
		servation, Extent : Light, Are	a Affected	!: 0%			
		i : Throughout	The New	Section Of Poil	lina Ia A44	ashed To The Old	
		tion : One Floor/ Split Level, Building Of Elmhurst Hospita		ı seciion OJ Bülle	ung IS Att	acnea 10 1ne Old	
Parapets	Timises I	Samuelles Of Billiam St 110spill					
No Component	75%						
Not Accessible	25%						
Roof							
	1000/						
Not Accessible	100%						
Not Accessible		servation, Extent : Light, Are	a Affected	! : 0%			
Not Accessible		servation, Extent : Light, Are	a Affected	!: 0%			
Not Accessible	Other Obs Location	servation, Extent : Light, Are			ıdder Was	· Not Available.	
Not Accessible	Other Obs Location	servation, Extent : Light, Are n : Roof			adder Was	Not Available.	
	Other Obs Location	servation, Extent : Light, Are n : Roof			adder Was	Not Available.	
rior	Other Obs Location	servation, Extent : Light, Are n : Roof tion : There Is No Permanen				Not Available. \$6,300	
rior Floors	Other Obs Location Explana	servation, Extent : Light, Area n : Roof tion : There Is No Permanen	Access T	To The Roof. A Lo	5		
rior Floors Cast in Place Concrete	Other Obs Location Explana	servation, Extent : Light, Are n : Roof tion : There Is No Permanen	Access T	o The Roof. A Lo	5 5	\$6,300	
rior Floors Cast in Place Concrete Ceramic Tile	Other Obs Location Explana 23% 2% 75%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen.	LIFE 2031	o The Roof. A Lo	5 5	\$6,300 \$100	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile	Other Obs Location Explana 23% 2%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen.	LIFE 2031	o The Roof. A Lo	5 5 5 3	\$6,300 \$100	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Other Obs Location Explana 23% 2% 75%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen.	LIFE 2031 2028	** ** \$40,000	5 5 3	\$6,300 \$100 \$2,400	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Other Obs Location Explana 23% 2% 75%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen	LIFE 2031 2028	** ** \$40,000	5 5 3	\$6,300 \$100 \$2,400	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	Other Obs Location Explana 23% 2% 75% 5% 15%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen	LIFE 2031 2028 2037 LIFE	** ** \$40,000	5 5 3 5 5 5 5 5 5	\$6,300 \$100 \$2,400 \$100 \$300	
Crior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board	23% 22% 75% 5% 40%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen	LIFE 2031 2028 2037 LIFE LIFE	** \$40,000	5 5 3 5 5 5 5-10 10	\$6,300 \$100 \$2,400 \$100 \$300	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick	23% 22% 75% 5% 40% 5%	servation, Extent : Light, Are n : Roof ntion : There Is No Permanen.	LIFE 2031 2028 2037 LIFE LIFE LIFE	** \$40,000 ** ** ** ** ** ** ** ** **	5 5 3 5 5 5 5 10 5 10 5 5-10	\$6,300 \$100 \$2,400 \$100 \$300 \$1,900	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster	23% 22% 75% 5% 40% 5% 25%	servation, Extent : Light, Are n : Roof ntion : There Is No Permanen.	LIFE 2031 2028 2037 LIFE LIFE LIFE LIFE	** \$40,000 ** ** ** ** ** ** ** ** *	5 5 3 5 5 5 5 10 5 10 5 5 5 5 5 5 5 5 5 5 5 5	\$6,300 \$100 \$2,400 \$100 \$300 \$1,900 \$600	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry	23% 22% 75% 5% 40% 5% 25%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen.	LIFE 2031 2028 2037 LIFE LIFE LIFE LIFE	** \$40,000 ** ** ** ** ** ** ** ** *	5 5 3 5 5 5 5-10 10 5-10 10	\$6,300 \$100 \$2,400 \$100 \$300 \$1,900 \$600	
rior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings	23% 22% 75% 5% 40% 5% 10%	servation, Extent : Light, Are n : Roof tion : There Is No Permanen.	LIFE 2031 2028 2037 LIFE LIFE LIFE LIFE LIFE	** ** \$40,000 ** ** ** ** ** ** **	5 5 5 5 5 5 5 10 5 10 5 10 5 5 10	\$6,300 \$100 \$2,400 \$100 \$300 \$1,900 \$600 \$100	

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Service Equipment

Not Accessible 100%

Other Observation, Extent: Light, Area Affected: 0%

Location:

Explanation: Main Electrical Service Fed From The Other Building

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 46 ELMHURST STATION

Asset #: 14002

Electrical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Fused Disc Sw	5%	2036	* *	5		
Molded Case Bkrs	95%	2036	* *	5	\$300	
Wiring						
Thermoplastic	100%	2038	* *	1		
Motor Controllers						
Locally Mounted	100%	2033	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	80%	2033	* *	10	\$8,100	
	T-8 Lamps And Fixtures, Extent	: Moderate, Area A	Affected : 100%			
	Location: Offices					
HID	20%	2028	\$2,200	10	\$100	
Egress Lighting						
Emergency, Service	50%	2033	* *	1		
Exit, Service	50%	2033	* *	1		
Exterior Lighting						
HID	100%	2028	\$41,500	10		
Alarm						
Security System						
Generic	100%	2028	\$33,200	1	\$4,100	
	Other Observation, Extent : Mod	lerate, Area Affecte	ed : 100%			
	Location: Outside					
	Explanation: CCTV Surveillar	ice Cameras				
Fire/Smoke Detection						
Generic, Digital	100%	2028	\$113,700	1-3	\$7,000	

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	30%	2038	* *	1		
No Component	70%					
	Other Observation, Extent: Light, Are	a Affected : 0	%			
	Location: Throughout					
	Explanation: Hot Water Provided Fi	rom Hospital				
Conversion Equipment						
Furnace	30%	2028	\$7,300	1	\$1,600	
	Other Observation, Extent: Light, Are	a Affected : 3	0%			
	Location: Apparatus Floor					
	Explanation: 2 Modine Heaters					
No Component	70%					
1	Other Observation, Extent: Light, Area	a Affected : 0	%			
	Location:					
	Explanation: Heating Water Supplie	d From Hosp	ital Building			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 46 ELMHURST STATION

Asset #: 14002

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	70%			2027	\$3,400	4	\$600	
			xtent : Light, Area	Affected	: 100%			
		: Through						
		ion : There	Is No Temperatur	e Contro	l			
No Component	30%							
Terminal Devices								
Convector/Radiator	70%			2026	\$11,600	1	\$2,500	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	\$15,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$2,900	
No Component	70%							
Exhaust Fans							****	
Roof	30%			2023	\$5,100	2	\$100	
No Component	70%							
Plumbing								
H/C Water Piping	1000/			2020	* *			
Brass/Copper	100%			2038	* *	1		
Sanitary Piping	1000/	3.7	#2 000	LIDE	* *			
Cast Iron	100%		\$3,800	LIFE		1		
	_		Extent : Severe, Are Icks Up On Appare					
Storm Drain Piping		·						
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component								
1	70% 30%			2028	\$30,200		\$900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 49 ASTORIA STATION

Address : WESTERN QUEENS HOSPITAL 25-10 30TH AVE.

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \quad FIRSEMS.049 \, / \, 14004 \qquad \qquad Yr \, Built/Renovated \quad : \quad$

Area Sq Ft : 2,793 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 576 Lot : 12 BIN : 4436864

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture Electrical	\$58,100	\$145,200 \$38,500
Total	\$58,100	\$183,700
Importance Code B	\$58,100	\$183,700
Total	\$58,100	\$183,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				\$600
Interior Architecture	\$25,900			\$2,100
Electrical	\$20,700			\$14,400
Mechanical	\$400	\$300	\$500	\$400
Total	\$47,000	\$300	\$500	\$17,600
Importance Code A				\$600
Importance Code B	\$39,200	\$300	\$500	\$17,000
Importance Code C	\$7,800			
Total	\$47,000	\$300	\$500	\$17,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 49 ASTORIA STATION

Asset #: 14004

Architecture		Current Repa	air	Futur	e Replacement	М	aintenance	
System Component Type		Tail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Aluminum	100%			2032	* *	5	\$1,200	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	\$900	
Vinyl Tile	95%	0-2	\$58,100	2024	\$145,200	3	\$6,400	
	O	rumbling, Ext Throughout	ent : Severe, A	rea Affec	cted : 30%			
Interior Walls								
Gypsum Board	100%	2-4	\$7,800	LIFE	* *	5	\$11,300	
	O	rumbling, Exte Throughout	ent : Moderate	, Area Aj	ffected : 20%			
Ceilings								
Gypsum Board	100%	0-2	\$18,200	LIFE	* *	5	\$22,500	
	Cracking/Cr	rumbling, Exte	ent : Moderate	, Area A	ffected : 20%			
	Location:	Throughout						

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2024	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2023	\$38,500	5	\$100	
Wiring						
Thermoplastic	100%	2024	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2022	\$14,400	5		
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	100%	2019	\$7,600	10	\$2,600	
	Other Observation, Extent:		ed : 100%			
	Location : Throughout Spe	ace				
	Explanation: T-8 Fixtures	s In Use				
Egress Lighting						
Exit, Service	100%	2024	\$300	1		
Exterior Lighting						
HID	100%	2019	\$10,500	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 49 ASTORIA STATION

Asset #: 14004

Mechanical		Current F	Repair	Futur	e Replacement	N	Maintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cos	Cvcle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
Heating Energy Source								
Electricity	40%			2044	* >	' 1		
HTHW/HW	60%			2044	* >			
11111 **/11 **		ervation F	Extent : Moderate, A		ected : 100%	1		
		: Through		1.00.11,50	. 10070			
		_	vater Provided Fro	om Adjac	ent Building			
Conversion Equipment	1			<u> </u>				
No Component	40%							
No Component	60%							
Distribution								
Hot Wtr Piping/Pump	60%			2040	* >	4	\$100	
	Other Obse	ervation, E	Extent : Moderate, 1	Area Affe	ected : 100%			
	Location	: Basemen	nt					
	Explanat	ion : Only	H W Piping Is Co	vered				
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2037	* >	' 1	\$500	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* >	' 1		
Terminal Devices								
Fan Coil - 2 Pipe	40%			2029	* >	' 1	\$400	
No Component	60%							
Heat Rejection								
Air Cooled Condenser	40%			2029	* *	• 2	\$800	
Unit								
No Component	60%							
Ventilation								
Distribution	1000:				alia a		4	
Ductwork/Diffusers	100%			LIFE	* >	<u> 2-5</u>	\$1,600	
Exhaust Fans	1000/							
Not Accessible	100%							
Plumbing								
H/C Water Piping	1000/			2044	* >	¢ 1		
Brass/Copper	100%			2044		1		
Sanitary Piping Cast Iron	100%			LIFE	* >	' 1		
Fixtures	10070			LIFE		1		
Generic	100%							
Fire Suppression	10070							
Sprinkler								
Generic	100%			2044	* >	1-2	\$800	
Fire Pump	10070			2077		1-2	ψουσ	
Not Accessible	100%							
1101/1000551010	100/0							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 49 ASTORIA STATION

Asset #: 14004

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression				
Chemical System				
No Component	90%			
Generic	10%	2022 \$200	1-3 \$400	
	Other Observation, Extent : Light, Ar	rea Affected : 100%		
	Location: Throughout			
	Explanation : Fire Extinguishers			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 50 - BLDG 2 TRAILER

Address : 82-68 164TH ST. QUEENS GENERAL HOSPITAL

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \; FIRSEMS.05A \, / \, 14005 \qquad \qquad Yr \, Built/Renovated \quad : \quad$

Area Sq Ft : 3,000 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 6858 Lot : 1 BIN : 4442431

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$90,400
Interior Architecture	\$45,800	
Total	\$45,800	\$90,400
Importance Code A		\$90,400
Importance Code B	\$45,800	
Total	\$45,800	\$90,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,500			\$600
Interior Architecture				\$2,300
Electrical				
Mechanical	\$1,200	\$200	\$1,200	\$13,100
Total	\$18,700	\$200	\$1,200	\$16,000
Importance Code A	\$17,500	\$200		\$11,300
Importance Code B	\$1,300		\$1,200	\$4,700
Total	\$18,700	\$200	\$1,200	\$16,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 50 - BLDG 2 TRAILER

Asset #: 14005

Architecture		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	\$17,500	2034	* *	5	\$45,600	
			nt : Light, Area	Affected	: 20%			
	Location	: Throughout						
	Deformed/I	Dented, Exten	t : Light, Area I	Affected	: 10%			
	Location	: Throughout						
Windows								
Aluminum	100%			2032	* *	5	\$1,200	
Roof								
Asphalt Shingle	5%			2027	\$1,400	10	\$100	
Modified Bitumen	95%			2024	\$44,800	10	\$7,700	
Interior								
Floors								
Vinyl Tile	100%	2-4	\$45,800	2034	* *	3	\$6,800	
			tent : Light, Are	ea Affect	ed : 25%			
		: Hallway, Th						
			oderate, Area Aj	ffected : .	25%			
	Location	: Throughout						
Interior Walls								
Plywood/Hardboard	100%			LIFE	* *			
Ceilings								
Gypsum Board	100%			LIFE	* *	5	\$22,500	
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2041	* *			

Electrical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2044	* *	5		
	Other Observation, Extent :	Moderate, Area Affected :	100%			
	Location : Outside					
	Explanation : Main Service	e Switch Rated @ 400 Amp	eres			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2044	* *	5	\$100	
Raceway						
Conduit	100%	2044	* *	1		
Panelboards						
Molded Case Bkrs	100%	2040	* *	5	\$100	
Wiring						
Thermoplastic	100%	2044	* *	1		
Ground						
Grounding Devices						
Not Accessible	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 50 - BLDG 2 TRAILER

Asset #: 14005

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	100%		2024	\$8,100	10	\$2,800	
	T-12 Lamps	And Fixtures, Extent: Mode	erate, Ar	ea Affected : 100%	ó		
	Location:	Throughout The Building					
Egress Lighting							
Emergency, Battery	50%		2024	\$2,000	10	\$400	
Exit, Service	50%		2024	\$200	1		
Exterior Lighting							
HID	100%		2024	\$11,300	10		

Mechanical		Current Repair		e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Co (Years)	year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	100%		2034	* *	1		
Conversion Equipment							
Heat Pump Air Sourced	100%		2022	\$10,500	2	\$900	
	Other Obs	ervation, Extent : Light, A	rea Affected	: 100%			
	Location	: Outside End Of The Bui	lding				
	Explanat	ion : 5 Units					
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$1,700	
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$3,900	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Electric	100%	Now \$1,20	0 2022	\$2,500	4		
	Other Obs	ervation, Extent : Light, A	rea Affected	: 100%			
		: 1st Floor					
	Explanat	ion : 2 Units. The Unit Fo	r Male Rest	room Is Out Of Ord	der		
Sanitary Piping	-			V			
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Generic	100%						
Generic	10070						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 52 FLUSHING STATION

Address : 135-16 38TH AVE. BTWN MAIN ST. - PRINCE ST.

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 6,000 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4975 Lot : 31 BIN : 4112309

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$47,200
Interior Architecture		\$107,000
Total		\$154,200
Importance Code A		\$47,200
Importance Code B		\$107,000
Total		\$154,200

EXPENSE FY 2019 FY 2020 FY 2021 FY 2022 **Exterior Architecture** \$28,100 \$1,900 \$600 Interior Architecture \$70,600 \$1,600 Electrical \$23,400 \$5,600 Mechanical \$1,000 \$1,000 \$12,700 \$800 \$9,600 Site Pavements Total \$132,700 \$1,000 \$20,100 \$3,100 Importance Code A \$28,700 \$600 \$2,500 \$1,200 Importance Code B \$57,500 \$400 \$1,900 \$17,600 Importance Code C \$46,500 Total \$132,700 \$1,000 \$20,100 \$3,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14006

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_	***	
Masonry: Brick	85%			LIFE	* *	5	\$20,700	
Masonry: Granite	5%			LIFE	* *	5	\$900	
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Metal Sect. OHD	5%		Z.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2031		5	\$3,800	
			Extent : Light, Area paratus Door	Affectea	t : 100%			
		_	d Sectional Door					
Windows	Ехріана	uon . wood	i Sectional Door					
Aluminum	100%			2042	* *	5	\$1,200	
Parapets	10070			2012			Ψ1,200	
Masonry: Brick	95%			LIFE	* *	5	\$1,600	
Masonry: Limestone		Now	\$4,500	LIFE	* *	5	\$100	
,			ed, Extent : Modera		Affected: 75%		*	
	_		Locations Along P					
Roof								
Modified Bitumen	Ponding, Location	: Main Ro	\$23,600 were, Area Affected oof, Front And Back Extent: Moderate, A	ά	\$47,200 ected : 5%			1
	Location	: Main Ro	of To 2nd Floor Lo	ocker Ro	om .			
Interior								
Floors	• • • • •					_	40.000	
Cast in Place Concrete	25%			LIFE	* *	5	\$9,800	
Mosaic Tile	5%	2.4	\$5.200	2039		5	\$2,300	
Vinyl Tile		2-4 issing Elem : Second I	\$5,300 nents, Extent : Mod Floor	2026 erate, Ar	\$107,000 rea Affected : 2%	3	\$4,700	
Interior Walls								
Cast in Place Concrete	Staining/L Location Water Pen	: Basemer	Extent : Severe, Are		-			
Ceramic Tile	2%	0-2	\$1,000	2035	* *	5	\$200	
		issing Elem : Toilets	nents, Extent : Ligh		ffected : 5%			
Masonry: Brick	12%			LIFE	* *			
Plaster	Cracking/	-	\$9,500 Extent : Moderate out Stairs And Cor	-	* * ffected : 10%	5	\$3,500	
SGFT/Glazed Masonry	14%	Now	\$5,100	LIFE	* *			
	Broken/M		nents, Extent : Ligh		ffected : 5%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14006

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	\$1,800	
Exposed Concrete	15%	Now	\$8,700	LIFE	* *	5	\$400	
	Exposed R	einforcemer	nt, Extent : Moder	ate, Arec	ı Affected : 10%			
	Location	: Basement						
	Spalling, I	Extent : Mod	lerate, Area Affect	ted : 10%	ó			
	Location	: Basement						
Plaster	75%	Now	\$17,700	LIFE	* *	5	\$8,400	
1 10001			: Moderate, Area		: 10%	C	Ψο,	
		: Througho		33				
	Water Pen	etration. Ex	tent : Moderate, A	Area Affe	cted : 10%			
			loor, Locker Roon	00				
Site Enclosure								
Fence/Gates								
Chain link	100%			2036	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$9,600	2031	* *			
	Cracking/	Crumbling, 1	Extent : Severe, A	rea Affec	rted : 30%			
	Location	: Back And	Side Of The Build	ding				
Parking/Driveway								
Cast in Place Concrete	100%			2039	* *			

lectrical	С	urrent Repair	Futur	e Replacement	М	aintenance	
vstem Component Type		il Date Estimated C Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2026	\$4,800	5		
	Other Observ	ation, Extent : Light, A	Area Affected	: 100%			
	Location : E	Basement					
	Explanation	: Size Of Switch Not	Indicated				
Raceway							
Conduit	100%		2026	\$31,300	1		
Panelboards							
Molded Case Bkrs	100%		2034	* *	5	\$200	
Wiring							
Braided Cloth	10%	2-4 \$2,80	00 2051	* *	1		
	Insulation Ag	ed, Extent : Moderate,	, Area Affecte	d: 10%			
	Location : I	First Floor And Basem	ent				
Thermoplastic	90%		2036	* *	1		
Motor Controllers							
Locally Mounted	100%	4+ \$14,40	00 2046	* *	5		
-	Corroded, Extent : Moderate, Area Affected : 20%						
	Location : I	First Floor And Basem	ent				

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14006

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
		rvation, Extent : Light, Area	Affected	: 100%			
	Location :						
	Explanatio	on : Grounding					
Lighting							
Interior Lighting							
Fluorescent	100%		2031	* *	10	\$5,500	
	•	And Fixtures, Extent : Light,	Area Afj	fected : 100%			
	Location :	Throughout					
Egress Lighting							
Emergency, Battery	50%		2036	* *	10	\$700	
Exit, Battery	50%		2036	* *	10	\$200	
Exterior Lighting							
HID	50%		2026	\$11,300	10		
No Component	50%						
Alarm							
Fire/Smoke Detection							
No Component	90%						
Generic, Analog	10%	4+ \$6,200	2036	* *	1-3	\$300	
		ry Operated Detect, Extent . Throughout	Light, A	rea Affected : 1009	%		

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Steam Boiler	100%	2043	* *	1	\$5,900	
	Recent Repair Evident, Extent: Light,	Area Affec	ted : 30%			
	Location: Basement					
Distribution						
Central Plant Steam	100%	2036	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2039	* *	1	\$1,900	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$11,700	1		
T7 4'1 . 4'						

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14006

echanical	Current Rep	air	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ntilation							
Exhaust Fans							
Interior	100%		2026	\$20,000	2	\$200	
	Other Observation, Exter	_	Affected	: 20%			
	Location: 2nd Floor B						
1.	Explanation : Toilet Ex	haust					
ımbing							
H/C Water Piping	100%		2046	* *	1		
Brass/Copper	No Water Meter, Extent :	Light Area Aff			1		
	Location : Basement	Ligni, Area Ajj	естеа . 1	10070			
Water Heater	Locution . Dusement						
Gas Fired	100%		2024	\$3,400	2	\$100	
GasTiled	Other Observation, Exter	nt · Lioht Area		·	2	\$100	
	Location : Basement	218111, 111001	ijjeerea	. 100/0			
	Explanation : 2 - 74 Ga	ıllon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100% 4+	\$200	2021	\$200	4	\$100	
	Not in Service, Extent : N	Ioderate, Area A	Affected	: 30%			
	Location: Basement						
Backflow Preventer							
No Component	95%						
Generic	5%		2034	**	1		
	Other Observation, Exter	ıt : Light, Area 1	Affected	: 100%			
	Location: Basement						
	Explanation : Serves Bo	oiler Only					
Fixtures	1000/						
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 54 SPRINGFIELD GARDENS STATION

Address : 222-15 MERRICK BOULEVARD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSEMS.054 / 4524 Yr Built/Renovated : 2005 /

Area Sq Ft : 6,084 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 12961 Lot : 10 BIN : 4279279

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,500		\$2,900	
Interior Architecture		\$300	\$1,600	\$500
Electrical	\$8,100	\$1,000	\$800	\$900
Mechanical	\$400	\$300	\$600	\$3,800
Total	\$30,000	\$1,700	\$5,900	\$5,300
Importance Code A	\$21,800	\$300	\$3,300	\$300
Importance Code B	\$8,200	\$1,400	\$2,700	\$4,700
Importance Code C				\$300
Total	\$30,000	\$1,700	\$5,900	\$5,300



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4524

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior			J				
Exterior Walls							
Concrete Masonry Unit	30%		LIFE	* *	5	\$2,900	
Masonry: Brick	60%		LIFE	* *	5	\$9,400	
Metal Sect. OHD	10%		2041	* *	5	\$4,900	
Windows							
Aluminum	100%		2046	* *	5	\$1,000	
Parapets							
Masonry: Brick	90%		LIFE	* *	5	\$2,200	
Metal Cornice	10%		2059	* *	10	\$800	
Roof							
Modified Bitumen	100%	Now \$20,700	2029	* *			
	Drains Inc	ud/Misposn, Extent : Moderat	e, Area A	ffected : 25%			
	Location	: Over Locker Room					
	Not Insula	ted, Extent : Moderate, Area	Affected	: 25%			
	Location	: Over Locker Room					
Interior							
Floors							
Cast in Place Concrete	65%		LIFE	* *	5	\$12,900	
Ceramic Tile	5%		2037	* *	5	\$500	
Vinyl Tile	30%		2032	* *	3	\$1,000	
Interior Walls							
Ceramic Tile	5%		2037	* *	5	\$500	
Concrete Masonry Unit	60%		LIFE	* *	5	\$2,600	
Gypsum Board	30%		LIFE	* *	5	\$2,000	
Metal Panel	5%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	35%		2041	* *	5	\$3,200	
• •	Water Per	etration, Extent : Moderate, 1	Area Affe	cted : 10%			
	Location	: Female Locker Room					
Exposed Struc: Steel	60%		LIFE	* *			
Gypsum Board	5%		LIFE	* *	5	\$600	
- 7 F —		etration, Extent : Moderate, 1		cted : 10%	-	4 * * * * * * * * * * * * * * * * * * *	
		: Entrance To Apparatus Flo					
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2068	* *			
Free Standing Walls							
Concrete Masonry Unit	90%		2050	* *			
Masonry: Fieldstone	10%		2050	* *			
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2041	* *			
Parking/Drivewav							
Parking/Driveway Asphalt	80%		2037	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4524

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	* *	5		
		servation, Extent : Moderate,	Area Affe	ected : 100%			
		ı: 1st Floor					
	Explana	tion : Main Service Switch Ra	ited @ 40	00 Amperes			
Switchgear / Switchboard	1000/		2011	باد باد	_		
Fused Disc Sw	100%	<u> </u>	2044	* *	5		
Raceway	1000/		2011	* *			
Conduit	100%		2044	* *	1		
Panelboards	100/		20.40	* *	-		
Fused Disc Sw	10%		2040	* *	5	Ф100	
Molded Case Bkrs	90%		2040	~ ~ ~	5	\$100	
Wiring	1000/		2044	* *	1		
Thermoplastic Motor Controllers	100%		2044		1		
	100%		2037	* *	5		
Locally Mounted Ground	10070		2037				
Grounding Devices							
Generic Generic	100%		LIFE	* *	5	\$100	
Stand-by Power	10070		LIFE			\$100	
Transfer Switches							
Automatic	100%		2037	* *	1	\$1,900	
Generators	10070		2037		-	Ψ1,500	
Diesel	100%		2033	* *	1	\$2,400	
210001		servation, Extent : Moderate,		ected : 100%	-	Ψ=,	
		ı : Outside	55				
	Explana	tion : Emergency Generator I	Rated @	100 Kw			
Batteries	•						
Lead/Acid	100%		2019	\$1,500	5	\$200	
Fuel Storage							
Main Tank	100%		2052	* *	5	\$200	
	Other Ob.	servation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	ı : Outside					
	Explana	tion: 120 Gallon Capacity					
Lighting							
Interior Lighting							
Fluorescent	100%		2029	* *	10	\$5,600	
	-	s And Fixtures, Extent : Mode	rate, Are	ea Affected : 100%			
	Location	ı: Throughout The Building					
Egress Lighting					_		
Emergency, Service	50%		2029	* *	1		
Exit, LED	50%		2052	* *	1		
Exterior Lighting	1000		2020	ale -1-	10		
HID	100%		2029	* *	10		

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4524

Electrical	Current Repair	Future Replacement	Maintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority					
Alarm									
Security System									
No Component	70%								
Generic	30%	2029 **	\$700						
	Other Observation, Extent : Moderate,	Area Affected : 100%							
	Location: Entry And Exit Points								
	Explanation: Intrusion Alarm Only, I	Panic Doors							
Fire/Smoke Detection									
Generic	100%	2029 **	1-3 \$3,800						
	Other Observation, Extent : Moderate,	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Throughout The Building								
	Explanation: Strobe Lights, Smoke D	etectors And Manual Pull S	Station						

Mechanical	Current Repair	Future I	Replacement	M					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Electricity	5%	2044	* *	1					
Natural Gas	95%	2044	* *	1					
Conversion Equipment									
Furnace	95%	2029	* *	1	\$2,900				
	Other Observation, Extent: Light, Are	ea Affected : !	95%						
	Location : Modine Heaters In Garag	ge, Package U	Init On Roof						
	Explanation: 4 Modine Heaters, 1 F	Roof Top Paci	kage Unit						
Radiant Heater	5%	2029	* *	2	\$100				
	Other Observation, Extent: Light, Are	Other Observation, Extent: Light, Area Affected: 5%							
	Location: 1st Floor Mechanical Room								
	Explanation: 1 Electrical Unit								
Air Conditioning									
Energy Source									
Electricity	100%	2040	* *	1					
Conversion Equipment									
Ext Pkg Unit -	30%	2029	* *	2	\$100				
Heating/Cooling									
	R-22 Refrigerant, Extent: Light, Area	Affected: 30	0%						
	Location: Roof								
	Other Observation, Extent : Moderate	, Area Affecto	ed : 30%						
	Location: Roof Mounted								
	Explanation: 1 Roof Top Package U	Init For Offic	e Only						
No Component	70%								
Ventilation									
Distribution									
Ductwork/Diffusers	30%	LIFE	* *	2-5	\$1,000				
No Component	70%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4524

lechanical	Current Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation						
Exhaust Fans						
Roof	50%	2029	* *	2	\$100	
Wall Unit	50%	2029	* *	2	\$100	
umbing						
H/C Water Piping						
Brass/Copper	100%	2044	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,500	2	\$100	
	Other Observation, Extent:	Moderate, Area Affe	cted : 100%			
	Location : 1st Floor Mech	anical Room				
	Explanation: One AO Sr	nith Gas Fired Wate	r Heater			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2029	* *	1	\$400	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 55 Address : 3134 PARK AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSFMO.001 / 13231 Yr Built/Renovated : 1900 /

Area Sq Ft : 12,199 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2419 Lot : 1 BIN : 2001898

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$118,800	
Interior Architecture	\$42,100	
Electrical	\$111,700	
Mechanical	\$97,400	\$193,100
Total	\$370,100	\$193,100
Importance Code A	\$118,800	
Importance Code B	\$209,100	\$193,100
Importance Code C	\$42,100	
Total	\$370,100	\$193,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,500		\$15,500	\$900
Interior Architecture	\$26,100			\$900
Electrical	\$15,800	\$1,100	\$12,400	\$1,200
Mechanical	\$46,000	\$1,600	\$12,000	\$1,900
Site Enclosure	\$2,900			
Site Pavements	\$9,900			
Total	\$122,100	\$2,800	\$40,000	\$4,900
Importance Code A	\$54,800	\$1,200	\$16,700	\$2,100
Importance Code B	\$47,100	\$1,600	\$23,200	\$2,800
Importance Code C	\$20,300			
Total	\$122,100	\$2,800	\$40,000	\$4,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13231

chitecture	Current R	epair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls Alum/Vinyl Siding	2% Now Deteriorated Finish, E Location: Througho		2036 Area Affe	* * ected : 100%			
Masonry: Brick	25% Now Cracking/Crumbling, Location: Througho		LIFE , Area Aff	* * fected : 25%	5	\$7,100	
Masonry: Brick	50% Now Broken/Missing Eleme Location : Ground F				5 hroughou	\$14,200 at Building.	
Masonry: Limestone	5% Now Vertical Cracks, Exten Location : Front Fac		LIFE fected : 25	* *	5	\$1,100	
Stucco Cement	13% Now Cracking/Crumbling, Location: Various L			* * red : 75%	5	\$4,600	
Wood Overhead Doors	5%		2031	* *	5	\$7,100	
Windows Aluminum	100% Unit Inoperable, Exter Location : Rear Offic		2042 Fected : 2	**	5	\$1,700	
Parapets							
Masonry: Brick	90% Now Broken/Missing Eleme Location: Parapet V Jnt Mortar Miss/Erod, Location: Various L Paint Peeling, Extent Location: Various L	Vall Adjacent To I Extent : Moderat ocations Through : Light, Area Affec	Roof Hatc e, Area A out cted : 15%	h. ffected : 15%	5	\$2,700	
Masonry: Limestone	10% 0-2 Jnt Mortar Miss/Erod, Location: Various L Caulking Deteriorated Location: Various L	ocations Through l, Extent : Light, A	out rea Affec		5	\$400	
Roof							
Modified Bitumen	95% Blisters, Extent: Mode Location: Upper Ro Miss/Damaged Flashi	of ngs, Extent : Mod	erate, Are	* * a Affected : 15%	10	\$12,000	
Skylight, Metal/Glass	Location: Various L 5% 0-2 Other Observation, Ex Location: Upper Ro Explanation: Failin,	\$1,900 stent : Moderate, A of	2046	* * cted : 100%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13231

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	500/	N	\$4.700	LIDD	* *	_	¢20,000	
Cast in Place Concrete	Horizontal Location	: Through	\$4,700 xtent : Moderate, A out Basement. nt : Moderate, Are		cted : 75%	5	\$20,000	
	Location	: Basemen	t And Apparatus F	loor				
Ceramic Tile	5%			2029	* *	5	\$900	
Quarry Tile	5%			2039	* *	5	\$1,400	
Vinyl Tile	40%			2031	* *	3	\$3,700	
,		ssing Elem	ents, Extent : Ligh		ffected : 2%	Ü	\$2,700	
		_	By Rear Stairs An		-			
Interior Walls								
Ceramic Tile	5%			2029	* *	5	\$1,400	
Gypsum Board	35%			LIFE	* *	5	\$5,700	
Masonry: Brick	40%	Now	\$42,100	LIFE	* *		. ,	
,			Extent : Moderate		ffected : 15%			
	_	_	t And Various Loc	-	-			
Masonry: Fieldstone		Now	\$5,700	LIFE	**			
	Location	: Basemen			t : 5% n Wall Showed Mis	ssing Mo	rtar In Various	
Plaster	10%	Now	\$1,100	LIFE	* *	5	\$800	
		-	ents, Extent : Ligh Locations Through					
Wood	5%			LIFE	* *	5	\$5,400	
<u> </u>			: Light, Area Affed Locker Room	cted : 100	0%		. ,	
Ceilings								
AcousTileSusp.Lay-In			\$2,200 Extent : Light, Ar Locations Through		* * ed : 5%	5	\$2,700	
Embossed Metal	30%	Now	\$9,600	LIFE	* *	5	\$2,500	
	Broken/Mi	ssing Elem	ents, Extent : Ligh in Truck Bays.		ffected : 10%		+-,- • •	
Exposed Struc: Steel	30%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$2,300	
Site Enclosure								
Fence/Gates								
Chain link	100%	2-4 Rustina F	\$2,900 xtent : Moderate, A	2036	* *			

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13231

Architecture		Current Repair	ſ	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Site Pavements									
Parking/Driveway									
Asphalt	80%	Now	\$9,900	2035	* *				
	Ponding, 1	Extent : Moderate	e, Area Affec	ted : 15%	6				
	Location	: Rear Parking	Lot						
	Potholes, Extent: Severe, Area Affected: 5%								
	Location	: Rear Parking	Lot						
	Sinking/Subsiding, Extent: Severe, Area Affected: 10%								
	0	: Rear Parking I		00					
Cast in Place Concrete	20%			2039	* *				

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$4,800	5	\$100	
Raceway						
Conduit	100%	2026	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2034	* *	5	\$300	
	Covers Missing, Extent: Model	rate, Area Affecte	d : 10%			
	Location: 2nd Floor					
Wiring						
Thermoplastic	100%	2026	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					
Stand-by Power						
Transfer Switches						
Automatic	100%	2031	* *	1	\$3,800	
	Other Observation, Extent : Lig Location : Basement	ght, Area Affected	: 100%			
	Explanation: 200 Amp.					
Generators	1000/	• • • •				
Diesel	100%	2022	\$65,700	1	\$4,700	
	Other Observation, Extent : Lig					
	Location: Outside, Close To	Rear Parking Lot				
	Explanation : 76 Kw					
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$500	
Fuel Storage						
Main Tank	100%	2029	* *	5	\$400	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13231

Electrical		Current Repair	Futui	re Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	100%		2031	* *	10	\$11,200	
	T-8 Lamps	And Fixtures, Extent: Ligh	t, Area Af	fected : 75%			
	Location	: Throughout					
	T-12 Lamp	s And Fixtures, Extent : Lig	ht, Area A	ffected : 25%			
	Location	: 1st Floor And Basement					
Egress Lighting							
Emergency, Service	50%		2026	\$3,000	1		
Emergency, Service	50%		2026	\$3,000	1		
Exterior Lighting							
HID	100%		2021	\$46,000	10		
	Other Obse	ervation, Extent : Light, Are	a Affectea	l : 100%			
	Location	: Exterior					
	Explanat	ion : Photocell Control					
Alarm							
Security System							
No Component	50%						
Generic	50%		2026	\$18,400	1	\$2,300	
Fire/Smoke Detection							
No Component	90%						
Generic, Analog	10%	Now \$12,600	2036	* *	1-3	\$700	
_	Local/Batte	ery Operated Detect, Extent	: Light, A	rea Affected : 1009	%		
	Location	: Throughout					

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Steam Boiler	90%	2-4	\$33,200	2039	* *	1	\$9,800	
	Other Obse	ervation, E	xtent : Light, Area	Affected	: 20%			
	Location	: Basemen	t					
	Explanati	ion : Unit l	Requires A Lot Of	Water Fi	ll. Unit 15 Years (Old		
Steam Boiler	10%			2039	* *	1	\$1,200	
Distribution Central Plant Steam Piping/Pmp	100%			2026	\$193,100	4	\$600	
1 & 1	Insul. Dete	riorating, l	Extent : Light, Ared	a Affecte	d : 20%			
	Location	: Basemen	t					
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	\$3,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13231

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment						
Split Unit		\$97,400 2036	* *			
	Other Observation, Extent : M		: 80%			
	Location: 1st And 2nd Floo			_		
	Explanation: Outdoor Unit	-			Malfunctioning	
Window/Wall Unit	10%	2021	\$2,400	1		
No Component	10%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,800	
Exhaust Fans						
Interior	15% Now	\$6,100 2036	**	2		
	Unit Inoperable, Extent : Mod	lerate, Area Affected : I	0%			
	Location : Kitchen Hood					
Roof	85%	2031	* *	2	\$300	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2021	\$7,000	2	\$200	
	Other Observation, Extent : L Location : Boiler Room	ight, Area Affected : 10	0%			
	Explanation: 75 Gallons					
Sanitary Piping						
Cast Iron	30%	LIFE	* *	1		
Cast Iron	70%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$400	4	\$400	
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent : L	ight, Area Affected : 10	0%			
	Location : Boiler Room					
	Explanation : Serves Boiler	Only				
Fixtures	1000/					
Generic	100%					
Fire Suppression						
Sprinkler	0.707					
No Component	95%	4.4. 4			
Generic	5% Now	\$5,600 2056	* *	1-2	\$100	
	Corroded, Extent : Moderate,					
	Location : Kitchen Hood Sy	stem				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 55 MELROSE STATION
Address : 3134 PARK AVE. @E 159TH STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 20,000 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 2419 Lot : 1 BIN : 2001898

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$516,100	\$151,400
Interior Architecture	\$237,300	\$156,000
Electrical		\$72,700
Total	\$753,400	\$380,100
Importance Code A	\$516,100	\$151,400
Importance Code B	\$169,200	\$228,700
Importance Code C	\$68,100	
Total	\$753,400	\$380,100

EXPENSE	FY 2019	FY 2020 FY 2021		FY 2022
Exterior Architecture	\$44,500		\$5,000	
Interior Architecture	\$69,300			\$3,000
Electrical	\$10,400	\$2,100	\$2,200	\$3,700
Mechanical	\$30,800	\$3,100	\$4,900	\$3,400
Site Pavements	\$12,400			
Total	\$167,400	\$5,200	\$12,200	\$10,100
Importance Code A	\$46,500	\$2,000	\$7,000	\$2,000
Importance Code B	\$73,200	\$3,200	\$5,200	\$8,100
Importance Code C	\$47,700			
Total	\$167,400	\$5,200	\$12,200	\$10,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13992

Architecture	Current Repair	Future Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority	
Exterior						
Exterior Walls						
Cast Stone/Terra Cotta	5%	LIFE **	5	\$34,700		
Masonry: Brick	88% Now \$353,700		5	\$39,100	1	
	Cracking/Crumbling, Extent : Severe, Location : Throughout	••				
	Int Mortar Miss/Erod, Extent : Mode	rate, Area Affected : 30%				
	Location : Throughout					
Metal Panel	2%	2038 **	5-10	\$6,100		
Metal Sect. OHD	5%	2041 **	5	\$7,000		
Windows						
Aluminum	100%	2036 **	5	\$3,100		
Parapets	100/ 37 000		_	Φ2 400		
Cast Stone/Terra Cotta	10% Now \$15,900		5	\$2,400		
	Open Joints, Extent: Severe, Area Afg	tected : 100%				
	Location: Top Main Roof	ACC . 1 200/				
	Water Penetration, Extent : Severe, A Location : Throughout	rea Аffестеа : 50%				
				**		
Masonry: Brick	90% Now \$162,400		5	\$2,800		
	Spalling, Extent: Severe, Area Affects	ed: 100%				
	Location: Throughout	ACC . 1 200/				
	Water Penetration, Extent: Severe, A	rea Affected : 20%				
D. C.	Location: Throughout					
Roof Modified Bitumen	1000/ N \$11.200	2020 0112 200				
Modified Bitumen	100% Now \$11,200 Broken/Missing Elements, Extent: Li,					
	Location: Around Roof Hatch	gni, Area Ajjeciea . 570				
	Water Penetration, Extent: Moderate	Area Affected , 50/				
	Location: Around Roof Hatch	, Area Affectea . 576				
nterior	Location . Thousan Roof Hutch					
Floors						
Cast in Place Concrete	25%	LIFE **	5	\$30,900		
Ceramic Tile	5%	2037 **	5	\$1,400		
Quarry Tile	5%	2033 **	5	\$2,100		
Vinyl Tile	65% Now \$15,600		3	\$6,900		
·y	Cracking/Crumbling, Extent: Modera	. ,	-	4-7-00		
	Location : Offices	. 30				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13992

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	Broken/Mi	_	\$2,700 ents, Extent : Ligh Floor Toilets	2037 t, Area Ą	* * ffected : 5%	5	\$1,000	
Concrete Masonry Unit	2%			LIFE	* *	5	\$600	
Gypsum Board	64%			LIFE	* *	5-10	\$42,300	
Masonry: Brick			\$68,100 xtent : Severe, Area oom	LIFE a Affecte	* * d : 50%			
Masonry: Fieldstone	2%			LIFE	* *	10	\$300	
Plaster	10%	Now	\$1,600	LIFE	* *	5	\$1,200	
			xtent : Severe, Ared Floor Under Roof H		d : 20%			
Wood	2%			LIFE	* *	5	\$6,200	
Ceilings								
AcousTileSusp.Lay-In			\$200 ents, Extent : Ligh or	2033 t, Area Ą	* * ffected : 5%	5	\$300	
Embossed Metal	Broken/Mi Location Deformed/	: First And Dented, Ex	\$169,200 ents, Extent : Seve I Second Floor tent : Severe, Area I Second Floor			5	\$11,600	
Exposed Struc: Steel	2%			LIFE	* *	10	\$1,100	
Plaster	5%			LIFE	* *	5-10	\$2,400	
Site Enclosure								
Fence/Gates								
Chain link	100%			2048	* *			
Site Pavements								
Public Sidewalk	1000/			2041	* *			
Cast in Place Concrete	100%			2041	* *			
On-Site Walkways	1000/	3.7	#2.200	2041	* *			
Cast in Place Concrete		Now	\$3,200	2041				
	_	_	Extent : Moderate Pavement Area B		•	arking L	ot	
Parking/Driveway								
Asphalt	80%	Now	\$9,200	2031	* *			
		Crumbling, : Parking	Extent : Moderate Lot	, Area Aj	fected : 30%			
Cast in Place Concrete	20%			2041	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13992

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2028	\$4,800	5	\$100	
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Electrical Room Basement					
	Explanation: One 400 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	1000/	• • • •	440.000	_		
Molded Case Bkrs	100%	2028	\$48,800	5	\$500	
Raceway	0.50/	2020	#20 500			
Conduit	95%	2028	\$29,700	1		
Conduit	5%	2048	* *	1		
Panelboards						
Fused Disc Sw	5%	2027	\$1,900	5		
Molded Case Bkrs	20%	2027	\$7,700	5	\$100	
Molded Case Bkrs	75%	2044	* *	5	\$400	
Wiring						
Thermoplastic	25%	2028	\$6,900	1		
Thermoplastic	75%	2048	* *	1		
Motor Controllers						
Locally Mounted	100%	2041	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$600	
Stand-by Power						
Transfer Switches						
Automatic	100%	2041	* *	1	\$6,200	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location: Basement					
	Explanation: Two Ats					
Generators						
Diesel	100%	2037	* *	1	\$7,800	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location: Rear Yard					
	Explanation: One 81 Kva					
Batteries	1000/	2022	4.500	_	450	
Lead/Acid	100%	2022	\$1,500	5	\$700	
Fuel Storage	1000/	2011	ale de	_	** - * -	
Day Tank	100%	2044	**	5	\$3,700	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location: Basement					
- · · ·	Explanation: One 60 Gallons					
Lighting						

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13992

Electrical	Current l	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	50%		2033	* *	10	\$9,200	
	T-8 Lamps And Fixtu Location : Ist Floor		rate, Area	Affected: 100%			
Fluorescent	30%		2023	\$16,300	10	\$5,500	
	T-12 Lamps And Fix	ures, Extent : Mode	erate, Are		ó		
	Location : Basemer	nt					
Fluorescent	20%		2038	* *	10	\$3,700	
	T-8 Lamps And Fixtu	res, Extent : Moder	rate, Area	Affected: 100%			
	Location : 2nd Floo	or					
Egress Lighting							
Emergency, Service	45%		2033	* *	1		
Emergency, Battery	15%		2033	* *	10	\$700	
Exit, Service	40%		2033	* *	1		
Exterior Lighting							
HID	100%		2033	* *	10	\$100	
Alarm							
Security System							
Generic	100%		2036	* *	1	\$7,500	
	Other Observation, E	Extent : Moderate, A	Area Affec	rted : 100%			
	Location: Outside	And Inside					
	Explanation: Nine	CCTV Inside					

Mechanical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2048	* *	1		
Conversion Equipment						
Steam Boiler	100%	2041	* *	1	\$19,800	
	Other Observation, Extent : Light, A.	rea Affected : 100%	%			
	Location: Basement					
	Explanation: One Unit					
Distribution						
Steam Piping/Pump	100%	2048	* *			
Terminal Devices						
Convector/Radiator	80%	2033	* *	1	\$5,200	
Unit Heater - Hot Water	20%	2033	* *			
Air Conditioning						
Energy Source						
Electricity	100%	2036	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13992

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	40%			2033	* *			
			Extent : Light, Area	Affected	: 40%			
		ı : Various						
	Explana	tion : 8 Un	its. R-410a					
Window/Wall Unit	10%			2023	\$3,900	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	40%			2033	* *	1	\$2,600	
•	Other Obs	servation, E	Extent : Light, Area	Affected	: 40%			
	Location	i : Offices						
	Explana	tion : 7 Un	its					
No Component	60%							
Heat Rejection								
Evaporative Condenser	40%			2033	* *	2	\$5,600	
No Component	60%						42,000	
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$1,800	
No Component	90%							
Exhaust Fans								
Roof	10%			2033	* *	2	\$100	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	* *	1		
Water Heater								
Gas Fired	100%			2026	\$11,400	2	\$300	
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Basemer	nt .					
	Explana	tion : 1 - 73	Gallon Unit					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2021	\$600	4	\$600	
Fixtures								_
Generic	100%							
Fire Suppression								
Chemical System								
Dry		Now	\$26,100	2028	\$26,100	1-3	\$3,400	
			Extent : Severe, Are	ea Affecte	d : 100%			
		ı : Kitchen						
	Explana	tion : Ars-1	5b, Needs To Be R	?eplaced				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 57 BEDFORD STUYVESANT STATION

Address : 131 THROOP AVE. @ FLUSHING AVE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.057 / 13999 Yr Built/Renovated : 1999 /

Area Sq Ft : 6,000 Project Type : FIRE DEPARTMENT

Date of Survey : 21-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1723 Lot : 1 BIN : 3048341

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$65,700
Total		\$65,700
Importance Code B		\$65,700
Total		\$65.700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,100	\$600		\$5,700
Interior Architecture	\$10,400			\$500
Electrical	\$2,100	\$400	\$400	\$1,100
Mechanical	\$3,000	\$600	\$900	\$4,000
Site Pavements	\$3,800			
Total	\$27,400	\$1,600	\$1,300	\$11,200
Importance Code A	\$8,400	\$900	\$300	\$6,000
Importance Code B	\$15,200	\$700	\$1,100	\$5,200
Importance Code C	\$3,800			
Total	\$27,400	\$1,600	\$1,300	\$11,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 57 BEDFORD STUYVESANT STATION

Asset #: 13999

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	70%			LIFE	* *	5	\$17,000		
Metal Sect. OHD	15%			2037	* *	5	\$11,400		
Pre-Cast Concrete	15%			LIFE	* *	5	\$11,900		
Windows	4000/			• • • • •		_	04.000		
Aluminum	100%			2040	* *	5	\$1,200		
Parapets	700/			LIEE	* *	5	¢1 200		
Masonry: Brick	70%	E		LIFE		5	\$1,200		
	Location	: All Parape							
	Explana	tion : Roofing	g Material Extend	ds Up Al	l Parapets To Cop	ing Cover	ring The Brick		
Pre-Cast Concrete	30%			LIFE	* *	5	\$3,300		
Roof									
Single Ply Membrane	100%			2029	* *	10	\$8,100		
Interior Floors									
Cast in Place Concrete	75%	2-4	\$7,000	LIFE	* *	5	\$29,500		
			ent : Light, Area		: 10%		¥ - y		
	Location	: Truck Bay	Floor						
Ceramic Tile	5%			2033	* *	5	\$900		
Vinyl Tile		Now	\$1,500	2029	* *	3	\$1,400		
•			nts, Extent : Ligh	t, Area A	ffected : 5%		. ,		
	Location	: Kitchen							
Interior Walls									
Ceramic Tile	5%			2033	* *	5	\$900		
Concrete Masonry Unit	70%			LIFE	* *	5	\$5,300		
Gypsum Board	25%			LIFE	* *	5	\$2,800		
Ceilings									
AcousTileSusp.Lay-In		Now	\$1,800	2037	* *	5	\$2,300		
			Extent : Light, Are	ea Affect	ed : 5%				
		: Throughou	ıt						
Embossed Metal	75%			LIFE	* *	5	\$6,100		
Site Enclosure									
Fence/Gates									
Aluminum Picket	40%			2044	* *				
Chain link	60%			2044	* *				
Site Pavements									
On-Site Walkways	10007			2027	* *				
Cast in Place Concrete	100%			2037	**				
Parking/Driveway	700/	NI	#2.000	2022	* *				
Asphalt		Now	\$3,800 Extent : Moderate	2033					
			Extent : Moderate ot At Rear Of Bui		µестеа : 5%				
		. I arking Li	л лі кейі Ој Биі		* *				
Cast in Place Concrete	22%			2037	* * *				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 57 BEDFORD STUYVESANT STATION

Asset #: 13999

Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts				•				
Service Equipment								
Fused Disc Sw	100%	ı		2034	* *	5		
	Other Ob.	servation, E	Extent : Moderate, .	Area Affe	ected : 100%			
	Location	ı : Electrica	ıl Room					
	Explana	tion : 1- 40	0 Amperes Siemen	s Service	Switch			
Raceway								
Conduit	100%	ı		2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5		
Molded Case Bkrs	95%	ı		2032	* *	5	\$200	
Wiring								
Thermoplastic	100%	ı		2034	* *	1		
Motor Controllers								
Locally Mounted	10%			2029	* *	5		
Motor Control Center	90%	ı		2029	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
			Extent : Moderate, .	Area Affe	ected : 100%			
		ı : Mechani						
-	Explana	tion : Copp	er Clamp Type Hu	b Connec	ction			
Stand-by Power								
Transfer Switches	1000/			2020	* *	1	Ø1 000	
Automatic	100%			2029		1	\$1,900	
		servation, E 1 : Electrica	Extent : Moderate, .	Area Affe	ectea : 100%			
				1				
<u></u>	Explana	tion: 104 A	Amperes Asco Swit	cn				
Generators Diesel	100%			2027	¢65 700	1	¢2.200	
Diesei			Extent : Moderate, 1	2027	\$65,700	1	\$2,300	
			xieni : Moderdie, i On Lower Roof	чтей Аује	ciea . 100%			
			va Onan Cummins	Fauinma	va.t			
Pottorios	Ехріана	non. 70 K	a Onan Cummins	Едшрте	rtt			
Batteries Lead/Acid	100%			2019	\$1,500	5	\$200	
-	10070	<u> </u>		2019	\$1,500	5	\$200	
Fuel Storage	100%			2032	* *	5	\$1,100	
Day Tank			Extent : Moderate, 1			3	\$1,100	
			on Lower Roof	тей Аује	ciea . 100/0			
			allon Simplex Unit					
Lighting	Елрини	50 G	лион энприел Oпп					
Interior Lighting								
Fluorescent	100%			2024	\$16,300	10	\$5,500	
1 Idoloscont			Extent : Moderate, 1			10	ψ5,500	
		ı : Through						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 57 BEDFORD STUYVESANT STATION

Asset #: 13999

Electrical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Exit, Service	100%	2024	\$700	1		
	Other Observation, Extent: Moderate,	Area Affectea	d: 100%			
	Location : Throughout					
	Explanation: Fixtures Are Connected	To Building	Power			
Exterior Lighting						
HID	100%	2024	\$22,600	10		

Mechanical	Current Repair	Future Repla	cement	M	aintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Electricity	10%	2044	* *	1					
Natural Gas	90%	2044	* *	1					
Conversion Equipment									
Furnace	90%	2029	* *	1	\$2,700				
	Other Observation, Extent: Light, Location: 4 Are In Truck Bay Are Explanation: 4 Modine Heaters,	ea, Package Unit Is (f					
Radiant Heater	10%	2024	\$9,900	2	\$300				
Addition French	Other Observation, Extent: Light, Location: 1 Is In Hallway, 1 Is In Explanation: 2 Units	Area Affected : 10%	ψ,,,,,,,,,	٤	Ψ				
Air Conditioning									
Energy Source									
Electricity	100%	2040	* *	1					
Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%	2029	* *	2	\$100				
	R-22 Refrigerant, Extent : Light, Area Affected : 30% Location : Roof								
	Other Observation, Extent : Light, Location : Roof	Area Affected : 100%	ó						
	Explanation: 1 Unit For Office C	Only							
No Component	70%								
Ventilation									
Distribution									
Ductwork/Diffusers	100% Now \$2,6		* *	2-5	\$3,300				
	Leak Evident, Extent : Severe, Area Location : Leaking To Mens Lock		ins						
Exhaust Fans									
Roof	100%	2029	* *	2	\$200				
Plumbing									
H/C Water Piping Brass/Copper	100%	2044	* *	1					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 57 BEDFORD STUYVESANT STATION

Asset #: 13999

Mechanical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2022	\$3,400	2	\$100	
	Other Observation, Extent:	Light, Area Affected: 100	0%			
	Location : Water Heater F	Room				
	Explanation: 1 - 80 Gallo	n Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2044	* *	1-2	\$1,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 58 EAST 83RD STREET STATION

Address : 420 EAST 83RD ST. @ PRESTON CT.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSEMS.058 / 14000 Yr Built/Renovated :

Area Sq Ft : 25,000 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Dec-2016 Landmark Status : NONE

Areas Surveyed : Floors 1,MEZ

Block : 1562 Lot : 36 BIN : 1050434

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$432,700
Interior Architecture	\$451,000	\$125,800
Electrical		\$94,300
Mechanical		\$324,200
Site Pavements	\$78,800	
Total	\$529,800	\$977,000
Importance Code A		\$639,900
Importance Code B	\$529,800	\$337,100
Total	\$529,800	\$977,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$56,000	\$7,200	\$11,900	
Interior Architecture	\$63,500		\$300	\$1,800
Electrical	\$4,700	\$2,700	\$3,800	\$2,700
Mechanical	\$44,800	\$2,200	\$8,600	\$2,200
Total	\$169,000	\$12,000	\$24,600	\$6,700
Importance Code A	\$56,000	\$8,300	\$11,900	\$1,200
Importance Code B	\$71,300	\$3,700	\$12,600	\$5,500
Importance Code C	\$41,700			
Total	\$169,000	\$12,000	\$24,600	\$6,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 58 EAST 83RD STREET STATION

Asset #: 14000

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick Cavity		Now	\$34,300	LIFE	* *	5	\$18,300	
		_	ents, Extent : Seve					
			Corner Of Facade A					
			Extent : Severe, Are					
	Location	: Base Of	Building Along Pre	eston Coi	urt			
Metal Coiling Doors	25%			2026	\$432,700	5	\$23,900	
Metal Coiling Doors	15%			2045	* *	5	\$14,300	
Windows								
Aluminum	100%	0-2	\$21,700	2053	* *	5	\$300	
	Air Infiltration, Extent : Severe, Area Affected : 50%							
	Location	: Through	out					
	Broken/Missing Elements, Extent: Light, Area Affected: 30%							
	Location: Throughout							
	Hardware Missing, Extent: Moderate, Area Affected: 25%							
		: Through						
	•		nt : Severe, Area A	Affected :	15%			
	Location	: Mezzanii	ne Offices					
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
			xtent : Light, Area	Affected	: 0%			
		: Roof Hai						
	Explanat	ion : Acces	s Required Throug	gh Neighl	boring Tenant			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14000

chitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Floors	550/	NT.	#277 000	LIEE	* *	-	Ø50.500	
Cast in Place Concrete	55% Horizontal Location	Cracks, E.	\$277,800 xtent : Severe, Are sy Floor	LIFE a Affecte		5	\$58,500	
	Location .	: At Colun		ontrol Jo	ints Throughout T	ruck Bay	s	
	Location . Slab	: Various	xtent : Severe, Are Locations Through ing Hazards		d : 25% k Bays Due To Dif	ferential	Settlement Of	
Cast in Place Concrete	5% Worn/Erod	Now ed, Extent	\$5,100 : Moderate, Area emale Locker Root		**	5	\$5,300	
Ceramic Tile	Broken/Mis	_	\$9,400 ents, Extent : Mod ooms And Corridor		* * ea Affected : 25%	5	\$1,200	
Vinyl Tile	Worn/Erod		\$12,400 : Moderate, Area out First Floor Ofj			3	\$2,700	
Vinyl Tile	5% Recent Rep Location		ent, Extent : Light, ne Offices	2036 Area Affa	* * ected : 100%	3	\$900	
Vinyl Tile 9" X 9"		sing Elem	\$80,200 ents, Extent : Seve out 1st Floor Gym		* * Affected : 25% Kitchen, Breakroon	3 n, Captai	\$2,700	
Interior Walls								
Ceramic Tile	Broken/Mis	-	\$6,500 ents, Extent : Mod ooms And Base Of			5	\$600	
Concrete Masonry Unit	_	racks, Ext	\$20,800 tent : Severe, Area Mezzanine	LIFE Affected	* *	5	\$3,800	
Gypsum Board	Paint Peelin Location . Vertical Cr	: Apparatı acks, Exte	\$9,700 : Moderate, Area us Floor nt : Light, Area A <u>f</u> and Hallways			5	\$7,000	
Wood	5%			LIFE	* *	5	\$9,400	
Ceilings AcousTileSusp.Lay-In	50%		\$39,300 Extent : Moderate,	2033	* *	5	\$12,200	
	Location . Staining/Di	: Offices A scoloring,	Extent : Moderale, Ind Corridors Extent : Moderate Cooms, Toilet Roon	e, Area Aj				
Even and Character Charle		LOCKET	ooms, Touei Roon		* *	10	¢40 coo	
Exposed Struc: Steel	50%			LIFE	4. 4.	10	\$48,600	

Site Pavements

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14000

Architecture	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Public Sidewalk

Cast in Place Concrete 100% Now \$78,800 2048 **

Cracking/Crumbling, Extent: Moderate, Area Affected: 75%

Location: Entire Perimeter Sidewalk

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Da Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%		2038	* *	5	\$100		
	Other Observation, Extent: Moderate, Area Affected: 100%							
		loor Service Room						
	Explanation: 2-	400 Amperes Service	Switches	S				
Raceway								
Conduit	100%		2038	* *	1			
Panelboards								
Molded Case Bkrs	100%		2036	* *	5	\$700		
Wiring								
Thermoplastic	100%		2038	* *	1			
Motor Controllers								
Locally Mounted	100%		2026	\$14,400	5	\$200		
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches				di di				
Automatic	100%	T	2033	**	1	\$7,700		
	Other Observation, Extent: Moderate, Area Affected: 100%							
		loor Service Room						
	Explanation: 60	00 Amperes Switch						
Generators	1000/		2021			40.5 00		
Diesel	100%		2031	**	1	\$9,700		
		n, Extent : Moderate, A	Area Affe	ected : 100%				
		loor Service Room						
	Explanation: 18	88 Kva Generator						
Batteries					_	***		
Lead/Acid	100%		2019	\$1,500	5	\$900		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14000

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage	200/	2026	* *	-	Ø1 400	
Day Tank	30%	2036		5	\$1,400	
	Other Observation, Extent : Moderat Location : 1st Floor Rear	e, Area Affe	cted: 100%			
	Explanation: 30 Gallon Tank	00.10				
Main Tank	70%	2043	**	5	\$500	
	Other Observation, Extent : Moderat	e, Area Affe	cted : 100%			
	Location: Underground					
r : 1	Explanation: 5000 Gallons					
Lighting						
Interior Lighting Fluorescent	98%	2036	* *	10	\$22,500	
Fluorescent	Other Observation, Extent : Moderat		ctad · 100%	10	\$22,300	
	Location: Throughout The Buildin,		cieu . 100/0			
	Explanation: T-8 Fixtures	5				
HID	2%	2023	\$500	10		
Egress Lighting	270	2023	\$300	10		
Emergency, Service	50%	2028	\$6,100	1		
Exit, Service	50%	2028	\$1,400	1		
Exterior Lighting	3070	2020	ψ1,100			
HID	100%	2023	\$94,300	10	\$100	
Alarm			<i>\$7.,230</i>		4100	
Security System						
Generic	100%	2033	* *	1	\$9,300	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location : Inside, Outside					
	Explanation: Exterior Security Car	mera, Door I	Alarm			

Mechanical	Current Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2048	* *	1				
Conversion Equipment								
Radiant Heater	50%	2028	\$207,100	2	\$5,800			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Garage							
	Explanation: (4) Gas Fired Radiant Heaters							
Not Accessible	50%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location: Roof							
	Explanation: (3) Gas Fired Packaged Roof Top Units							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14000

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	red Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Distribution Ductwork/Diffusers	100% Other Observation, Extent: Li Location: Office Space		**	2-5	\$22,100	
Air Conditioning	Explanation : Office And Sup	port Space Only				
Energy Source Electricity	100%	2044	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling		23,400 2028	\$117,100	2	\$500	
	Malfunctioning, Extent : Mode Location : Roof, Defective Co	==	00%			
Window/Wall Unit No Component	10% 50%	2023	\$4,900	1		
Distribution Ductwork/Diffusers	50% Other Observation, Extent : Li Location : Office / Support S Explanation : Garage Space	pace		2	\$20,300	
No Component	50%	15 Hot Covered By The	is System			
Ventilation Distribution Ductwork/Diffusers	50% Other Observation, Extent : Li Location : Garage Explanation : Flat Canvas D		* *	2-5	\$11,000	
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$11,000	
Exhaust Fans Interior	25% Other Observation, Extent : Li Location : 83rd Street Side Explanation : Serves Garage	0	\$20,800	2	\$200	
Roof	50% Other Observation, Extent : Li Location : Roof	2028 ght, Area Affected : 10	\$19,400	2	\$400	
Roof	Explanation : Serves Garage 25% Now Malfunctioning, Extent : Mode Location : Defective Male Ar	\$500 2028 erate, Area Affected : 2		2 aust Fans	\$200	
Plumbing						
H/C Water Piping Brass/Copper	100%	2038	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 58 EAST 83RD STREET STATION

Asset #: 14000

Mechanical Current Repair		Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Water Heater							
Electric	100%	2023	\$20,600	4	\$200		
	Other Observation, Extent : Light, Area	Affected :	100%				
	Location : Male Locker Room, Appare	atus Floor					
	Explanation: 3 - 50 Gallon Units						
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping				•		•	
Cast Iron	100%	LIFE	* *	1			
Fixtures							
Generic	100%						
	Other Observation, Extent : Light, Area	Affected :	2%				
	Location : Garage						
	Explanation: Broken Water Cooler						
Fire Suppression							
Sprinkler							
Generic	100%	2038	* *	1-2	\$7,000		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EMS STATION 8 KIPS BAY

Address : 435 EAST 26TH STREET EAST END BELLVUE DNA LAB BLDG.

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSEMS.008 / 14778 Yr Built/Renovated : 2007 /

Area Sq Ft : 6,164 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jun-2015 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : 962 Lot : 100 BIN : 1087242

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$46,200
Total		\$46,200
Importance Code A		\$46,200
Total		\$46.200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,400			
Interior Architecture	\$1,100		\$900	\$500
Electrical			\$5,900	\$100
Mechanical	\$300	\$400	\$1,800	\$600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$12,700	\$4,400	\$12,500	\$5,100
Importance Code A	\$7,400			
Importance Code B	\$5,300	\$4,400	\$11,600	\$5,100
Importance Code C			\$900	
Total	\$12,700	\$4,400	\$12,500	\$5,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 8 KIPS BAY

Asset #: 14778

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Sect. OHD	20%			2039	* *	5	\$14,800	
Granite Panels	20%			LIFE	* *	5	\$3,600	
Pre-Cast Concrete	60%			LIFE	* *	5	\$46,200	
Windows								
Aluminum	100%			2048	* *	5	\$500	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$9,100	
Ceramic Tile	10%	Now	\$400	2039	* *	5	\$500	
		ssing Elem : 2nd Floo	ents, Extent : Ligh or Shower	t, Area A	ffected : 1%			
Vinyl Tile	45%	Now	\$700	2031	* *	3	\$1,600	
·	_	_	Extent : Light, Are Janitors Closet, 2					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2041	* *	5	\$1,800	
Concrete Masonry Unit	35%			LIFE	* *	5	\$2,500	
Gypsum Board	45%			LIFE	* *	5	\$4,900	
Ceilings								
AcousTileSusp.Lay-In	45%			2043	* *	5	\$3,800	
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$1,600	

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Transformers						
Dry Type	100%	2039	* *	5		
Raceway						
Conduit	100%	2046	* *	1		
Panelboards						
Fused Disc Sw	20%	2042	* *	5		
	Other Observation, Extent:	Light, Area Affected : 100%	6			
	Location : First And Secon	d Floor Electrical Closets				
	Explanation : Disconnect S	Switches Mounted To Bus L	Ouct Serving	Building	g Power Supply.	
Molded Case Bkrs	80%	2042	* *	5	\$100	
Wiring						
Thermoplastic	100%	2046	* *	1		

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EMS STATION 8 KIPS BAY

Asset #: 14778

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	St Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting				
Interior Lighting				
Fluorescent	75%	2031 **	10 \$4,200	
	T-8 Lamps And Fixtures, Extent : Lig Location : Throughout The Building	. 55		
Fluorescent	25%	2031 **	10 \$1,400	
	Compact Fluorescent Light, Extent: Location: Second Floor	Light, Area Affected : 100%		
Egress Lighting				
Emergency, Service	50%	2031 **	1	
Exit, Battery	50%	2031 **	10 \$200	
Exterior Lighting				
HID	50%	2031 **	10	
No Component	50%			

Mechanical	Current	Current Repair		e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution							
Hot Wtr Piping/Pump	100%		2042	* *	4	\$300	
Terminal Devices							
Convector/Radiator	100%		2039	* *	1	\$2,000	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Split Unit	30%		2034	* *			
No Component	70%						
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2	\$4,000	
No Component	50%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,400	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

Vertical Transport

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 EMS STATION 8 KIPS BAY

Asset #: 14778

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Vertical Transport							
Elevators							
Hydraulic	100%	LIFE	* *				
•	Other Observation, Extent: Light,	Area Affected : 1009	%				
	Location: 1st To 2nd Floor						
	Explanation: 1 - Unit						
Fire Suppression							
Sprinkler							
Generic	100%	2046	* *	1-2	\$1,700		
	Dry System, Extent : Light, Area Af	ffected : 50%					
	Location : Garage						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENG CO 264, 328/ LAD CO 134 Address : 16-15 CENTRAL AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 13,944 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 15559 Lot : 25 BIN : 4298240

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$52,600
Mechanical		\$69,800
Total		\$122,400
Importance Code B		\$122,400
Total		\$122,400

5122,400

Total	\$130,500	\$2,900	\$40,000	\$5,200
Importance Code C	\$27,300			
Importance Code B	\$77,800	\$1,600	\$31,600	\$3,600
Importance Code A	\$25,500	\$1,400	\$8,500	\$1,600
Total	\$130,500	\$2,900	\$40,000	\$5,200
Mechanical	\$31,600	\$1,900	\$15,600	\$2,200
Electrical	\$15,600	\$1,000	\$16,700	\$2,400
Interior Architecture	\$59,200		\$800	\$400
Exterior Architecture	\$24,100		\$6,900	\$200
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

(Current Rep	air	Futur	e Replacement	M	aintenance	
		stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
				* *		·	
-					5	\$700	
				ed : 2%			
15%	0-2	\$5,900	LIFE	* *	5	\$2,000	
Jnt Mortar M	Aiss/Erod, E	xtent : Moderat	e, Area A	Affected : 10%			
Location:	At Joint Bet	ween Limestone	And Gre	anite			
Caulking De	teriorated, 1	Extent : Modera	te, Area	Affected : 15%			
Location:	Around All	Overhead Door	s And Ad	ljacent Building			
Staining/Dis	coloring, Ex	tent : Light, Are	ea Affecto	ed : 2%			
Location:	Cornice; Fr	ont Facade.					
50%			2039	* *	5	\$22,500	
15%			2031	* *	5	\$13,500	
100%			2042	* *	5	\$500	
			LIFE	* *	5	\$700	
				* *	5	\$100	
_	-	-	ea Affecto	ed : 20%			
Location :	Coping On I	Main Roof.					
15%			2031	* *	5	\$300	
		\$7,000		* *			
Debris on Ro	oof, Extent :	Moderate, Area	ı Affected	d : 5%			
Location:	Southeast C	orner					
_		_		ffected : 5%			
_			ea Affec	ted : 10%			
Punct/Tear/I	mpact Dam	age, Extent : Mo	oderate, .	Area Affected : 5%	6		
	15% 5% Staining/Dis Location: 15% Int Mortar M Location: Staining/Dis Location: 50% 15% 100% 75% 10% Staining/Dis Location: 15% 100% Staining/Dis Location: 15% 100% Patching Evi Location: Patching Evi Location: Punct/Tear/I	15% 5% Staining/Discoloring, Ex Location: Facade Bas 15% 0-2 Int Mortar Miss/Erod, E Location: At Joint Bet Caulking Deteriorated, I Location: Around All Staining/Discoloring, Ex Location: Cornice; Fr 50% 15% 100% 75% 10% Staining/Discoloring, Ex Location: Coping On I 15% 100% Now Debris on Roof, Extent: Location: Southeast C Miss/Damaged Flashing Location: Fourth Floor Patching Evident, Extent Location: Various Locatio	15% 5% Staining/Discoloring, Extent: Light, Are Location: Facade Base; Front Facade 15% 0-2 \$5,900 Jnt Mortar Miss/Erod, Extent: Moderat Location: At Joint Between Limestone Caulking Deteriorated, Extent: Moderat Location: Around All Overhead Door. Staining/Discoloring, Extent: Light, Are Location: Cornice; Front Facade. 50% 15% 100% 75% 100% Staining/Discoloring, Extent: Light, Are Location: Coping On Main Roof. 15% 100% 100% Now \$7,000 Debris on Roof, Extent: Moderate, Area Location: Southeast Corner Miss/Damaged Flashings, Extent: Light Location: Fourth Floor Roof East Wa Patching Evident, Extent: Moderate, Are Location: Various Locations	15% LIFE Staining/Discoloring, Extent: Light, Area Affect Location: At Joint Between Limestone And Gr. Caulking Deteriorated, Extent: Moderate, Area Affect Location: Around All Overhead Doors And Ad Staining/Discoloring, Extent: Light, Area Affect Location: Cornice; Front Facade. 50% 2039 15% 2031 100% 2042 75% LIFE Staining/Discoloring, Extent: Light, Area Affect Location: Coping On Main Roof. 15% 2031 100% Sow \$7,000 2031 Debris on Roof, Extent: Moderate, Area Affected Location: Southeast Corner Miss/Damaged Flashings, Extent: Light, Area Affected Location: Fourth Floor Roof East Wall. Patching Evident, Extent: Moderate, Area Affected Location: Various Locations Punct/Tear/Impact Damage, Extent: Moderate, Area Funct/Tear/Impact Damage, Extent: Moderate, Area Affected Location: Various Locations Punct/Tear/Impact Damage, Extent: Moderate, Area Affected Location: Various Locations Punct/Tear/Impact Damage, Extent: Moderate, Area Affected Location: Various Locations Punct/Tear/Impact Damage, Extent: Moderate, Area Affected Location: Various Locations	Staining/Discoloring, Extent: Light, Area Affected: 15%	Nof Fail Date Estimated Cost Year Estimated Cost Cycle Total (Years) Fy Estimated Cost Cycle Total (Years) Estimated Cost Cycle Fy Estimated Cost Cycle Cycle Fy Estimated Cost Cycle Cycle Fy Estimated Cost Cycle Cycl	15%

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

Architecture	Current Repair Future F		Future Repl	Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors							
Cast in Place Concrete	75% Now Cracking/Crumbling, E. Location: Third Floor		LIFE , Area Affected	**: 5%	5	\$34,200	
	Horizontal Cracks, Exte Location : Various Lo						
Ceramic Tile	5% 0-2 Worn/Eroded, Extent : Location : Toilets Thr	-	2029 cted : 10%	* *	5	\$500	
Quarry Tile	5% Worn/Eroded, Extent : Location : Kitchen	Light, Area Affec	2031 eted : 10%	* *	5	\$1,600	
Vinyl Tile	15% Now Broken/Missing Elemen Location: Various Lo Worn/Eroded, Extent: Location: Throughou	cations Through Light, Area Affec	out	* * ccted : 10%	3	\$1,200	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

Estimated Cost	Priority
\$400	
\$400	
\$400	
\$1,600	
ψ1,000	
\$2.400	
\$2,400	
	\$1,600

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

Architecture	Current Repair	r Futur	e Replacement	М		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior						
Ceilings	<i>55</i> 0/ NI	Ф4.600 2020	* *	-	Ø 5 700	
AcousTileSusp.Lay-In	55% Now	\$4,600 2039		5	\$5,700	
	Broken/Missing Elements, I Location: Various Locati		ea Ajjeciea : 15%			
	Misaligned/Bulging, Extent		acted . 25%			
	Location: Various Locati		eciea . 2570			
	Staining/Discoloring, Exter		ed · 10%			
	Location: Truck Bunk Ro		. 1070			
Exposed Concrete	15% Now	\$10,100 LIFE	* *	5	\$500	
	Cracking/Crumbling, Exter		ted : 15%	5	Ψ	
	Location : Basement	30				
	Exposed Reinforcement, Ex	tent : Severe, Area Af	fected : 20%			
	Location : Engine Compa	ny Basement				
	Spalling, Extent : Severe, A	rea Affected : 10%				
	Location: Basement					
	Other Observation, Extent					
	Location: North Side Of	Ladder Company Bas	ement.			
	Explanation: Corroded S			In Place.		
Gypsum Board	10%	LIFE	* *	5	\$2,600	
	Other Observation, Extent		: 10%			
	Location: Toilets And Sh					
	Explanation : Paint Peeli					
Plaster	20% Now	\$5,500 LIFE	* *	5	\$2,600	
	Cracking/Crumbling, Exter		ted : 15%			
	Location: Various Locati					
	Paint Peeling, Extent : Light Location : Various Location		0			
			J. 150/			
	Staining/Discoloring, Exter Location: Various Locati		ea : 15%			
	Water Penetration, Extent :		1 · 15%			
	Location: Various Locati	==	n. 15/0			
	Location . various Locati	OIB				

Electrical	Current Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	90%	2046	* *	5	\$300			
	Other Observation, Extent : Light, Area Location : North Side Basement Explanation : 200 Amperes Service	Affected	: 100%					
Photovoltaic Panel(s)	10%	2035	* *	1				
. ,	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Roof							
	Explanation : Serves Hot Water Heate	r						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Raceway						
Conduit	60%	2036	* *	1		
Conduit	40%	2046	* *	1		
Panelboards Molded Case Bkrs	100%	2034	* *	5	\$400	
Wiring Thermoplastic	100%	2036	* *	1		
Motor Controllers Locally Mounted	100%	2031	* *	5	\$100	
round						
Grounding Devices	1000/	TIPP	* *	-	#200	
Generic	100%	LIFE	* *	5	\$200	
tand-by Power Transfer Switches	1000/	2020	* *		#4.200	
Automatic	100%	2039	* *	1	\$4,300	
Generators Diesel	100%	2035	**	1	\$5,400	
	Other Observation, Extent : L Location : Exterior Explanation : 75 Kw	лgnt, Area Affectea : 100	J%o			
Batteries						
Nickel Cadmium	100%	2021	\$1,500	5	\$3,100	
Fuel Storage						
Day Tank	100% Other Observation, Extent: L Location: Exterior	2042 .ight, Area Affected : 100	**	5	\$2,600	
ighting	Explanation: 125 Gallons					
Interior Lighting						
Fluorescent	97% Motion Sensors in Use, Exten	2031 t : Light, Area Affected :	**	10	\$12,400	
	Location: Throughout T-8 Lamps And Fixtures, Exte Location: Throughout	ent : Light, Area Affected	l : 100%			
Incandescent	3% Other Observation, Extent : I		\$2,700	2		
	Location : Ceiling Of Stair ' Explanation : Incandescent					
Egress Lighting	•					
Emergency, Battery	50%	2026	\$9,400	10	\$1,700	
Exit, Battery	50%	2026	\$2,500	10	\$500	
Exterior Lighting HID	100%	2026	\$52,600	10		

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

Electrical		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$14,400	2036	* *	1-3	\$800	
	Devices M	issing, Extent	: Severe, Area	Affected	: 100%			
	Location	: Throughout	•					
	Local/Batte	ery Operated	Detect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: Throughout						

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Steam Boiler	100%		2039	* *	1	\$13,800	
Distribution							
Central Plant Steam	100%		2046	* *	4	\$700	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2024	\$69,800	1	\$4,500	
	Corroded,	Extent: Light, Area Affected	: 100%				
	Location	: All Floors					
Air Conditioning							
Energy Source							
Electricity	100%		2034	* *	1		
Conversion Equipment							
Split Unit	10%		2031	* *			
Window/Wall Unit	50%		2021	\$13,600	1		
No Component	40%						
Ventilation							
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$1,600	
No Component	80%						
-	Other Obs	ervation, Extent : Light, Area	Affected	!: 0%			
	Location	: TV Room					
	Explanat	ion : Ventilation Air					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13153

Mechanical	Current Repair	Future Replac	Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority	
entilation							
Exhaust Fans			*				
Interior	10% Other Observation, Extent : Light, Area	2026 Affected : 20%	\$4,600	2			
	Location : Bathrooms Explanation : Under Sized						
Roof	10% Other Observation, Extent : Light, Area	2026 Affected : 100%	\$2,200	2			
	Location : Kitchen Explanation : Kitchen Exhaust						
Wall Unit	30%	2026	\$1,400	2	\$100		
wan cini	Other Observation, Extent : Light, Area Location : 1st Floor		Ψ1,100	-	Ψ100		
	Explanation: Serves Engine Bays Onl	ly .					
No Component	50%						
umbing							
H/C Water Piping							
Brass/Copper	100%	2046	* *	1			
	Antiquated, Extent : Moderate, Area Aff	fected : 100%					
	Location: Basement						
	Not Insulated, Extent : Light, Area Affec Location : Bathrooms	cted : 60%					
Water Heater							
Electric	50% Now \$600 Unit Inoperable, Extent : Moderate, Are Location : Roof	2024 ea Affected : 20%	\$5,700	4			
	Other Observation, Extent: Moderate, A	Area Affected : 21	20%				
	Location : Roof Explanation : Solar Heat.	Trea Typeciea . 20	,,,o				
Gas Fired	50%	2024	\$4,000	2	\$100		
Gas I fied	Other Observation, Extent : Light, Area Location : Basement		\$4,000	L	\$100		
	Explanation: 2 - 75 Gallon Units						
Sanitary Piping	Explanation : 2 - 75 Garton Onlis						
Cast Iron	100% 0-2 \$28,600	LIFE	* *	1			
Cust Hon	Corroded, Extent : Severe, Area Affecte			1			
	Location: Front Of Basement	u . 2070					
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)	- • • • •						
Submersible	100%	2019	\$400	4	\$400		
Fixtures			÷.00	-	4.00		
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 1/HOOK AND LADDER 24

Address : 142 WEST 31st STREET BTWN: 6TH AVE. - 7TH AVE.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 11,326 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 806 Lot : 66 BIN : 1015173

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$51,100	
Total	\$51,100	
Importance Code A	\$51,100	
Total	\$51,100	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,500		\$2,600	\$10,300
Interior Architecture	\$6,100	\$400		
Electrical	\$11,700	\$2,500	\$8,200	\$900
Mechanical	\$32,700	\$1,700	\$13,700	\$1,800
Total	\$54,000	\$4,600	\$24,500	\$13,100
Importance Code A	\$4,000	\$600	\$3,200	\$10,900
Importance Code B	\$49,600	\$3,600	\$21,300	\$2,200
Importance Code C	\$400	\$400		
Total	\$54,000	\$4,600	\$24,500	\$13,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13001

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$21,000	
Masonry: Limestone	5%			LIFE	* *	5	\$1,100	
Metal Panel	5%			2046	* *	5-10	\$9,600	
Metal Sect. OHD	15%			2043	* *	5	\$13,100	
Windows	1000/			• • • • •	at. at.	_	4.000	
Aluminum	100%			2048	* *	5	\$2,900	
Parapets /T	200/			LIDE	* *	-	Φ.(.000	
Cast Stone/Terra Cotta	30%			LIFE	* *	5	\$6,000	
Masonry: Brick	65%	N I	¢2.500	LIFE	* *	5	\$1,700	
Metal Rail	5%		\$3,500 nents, Extent : Mod	2046		5	\$900	
		_	ails Missing On U _l					
Roof	Location	. Guara K	ans missing On Op	рет мес	nanicai Kooj Tops			
Roll Roofing	95%			2022	\$51,100	5	\$20,700	
Kon Kooning		ervation. F	Extent : Light, Area		·	3	\$20,700	
		: Through	_	Пусстси	. 0070			
		_	atoring At Seams					
Skylight, Metal/Glass	5%	1077 1 1177 8		2046	* *	10	\$2,200	
Interior	370			2040		10	\$2,200	
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$15,800	
Ceramic Tile	15%			2039	* *	5	\$2,400	
Wood	40%	4+	\$4,200	2066	* *	5	\$6,000	
	Deteriorat	ed Finish,	Extent : Light, Area	a Affecte	d : 50%			
	Location	: Through	out					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2035	* *	5	\$800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Gypsum Board	30%		\$400	LIFE	* *	5	\$2,700	
			Extent : Light, Are	ea Affect	ed : 1%			
	Location	: Top Of S	Stairwell To Roof					
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	5%			LIFE	* *	5	\$200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	10%			LIFE	* *	5	\$6,000	
Ceilings		_						
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	10%		\$300	LIFE	* *	5	\$2,000	
			Extent : Light, Area		: 5%			
		: 2nd Floo	or Ceiling And Skyl	_				
Metal Panel	10%	_		LIFE	* *	5	\$2,000	
Plaster	55%			LIFE	* *	5	\$5,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13001

Electrical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2046	* *	5		
		ervation, Extent : Light, Are	a Affectea	!: 100%			
		: Basement					
	Explana	tion: 400 Amperes					
Switchgear / Switchboard							
Fused Disc Sw	100%		2046	* *	5		
Raceway							
Conduit	70%		2026	\$21,900	1		
Conduit	30%		2046	* *	1		
Panelboards							
Molded Case Bkrs	100%		2042	* *	5	\$300	
Wiring							
Thermoplastic	100%		2046	* *	1		
Motor Controllers					_	****	
Locally Mounted	100%		2039	* *	5	\$100	
Ground							
Grounding Devices	1000/			* *	_	Φ200	
Generic	100%		LIFE	* *	5	\$200	
Stand-by Power							
Transfer Switches	1000/		2020	* *	1	da 500	
Automatic	100%		2039	* *	1	\$3,500	
Generators	1000/		2025	* *	1	Φ4 400	
Diesel	100%		2035		1	\$4,400	
		servation, Extent : Light, Are a : Outside	а Ајјестеа	1: 100%			
D. W. C.	Ехріапа	tion : 65 Kw Portable Type					
Batteries Lead/Acid	100%		2020	\$1,500	5	\$400	
	100%		2020	\$1,300	3	\$400	
Fuel Storage Main Tank	100%		2054	* *	5	\$300	
Main Tank		ervation, Extent : Light, Are			3	\$300	
		ervation, Extent : Lignt, Are t : Below Generator	и Ајјестеа	. 10070			
Lighting	Ехріапа	tion : Belly Tank					

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13001

Electrical		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estima (Years)	ited Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	25%			2031	* *	10	\$2,600	
	•	And Fixtures, Exte : Throughout The	0 .	Area Afj	fected : 100%			
Fluorescent	25%			2031	* *	10	\$2,600	
	T-5 Lamps	And Fixtures, Exte	ent : Light, .	Area Af	fected : 100%			
	Location	: Throughout The	Building					
Fluorescent	20%			2031	* *	10	\$2,100	
	•	luorescent Light, E : Corridors	Extent : Lig	ht, Area	Affected: 100%			
HID	30%			2031	* *	10	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout The Building							
	Explanati	on : Mostly Penda	nt Fixtures					
Egress Lighting								
Emergency, Service	75%			2031	* *	1		
Exit, LED	25%			2054	* *	1		
Exterior Lighting								
HID	50%			2031	* *	10		
HID	50%	Now S	\$10,700	2031	* *			
	Malfunction	ning, Extent : Ligh	t, Area Affe	ected : 1	00%			
	Location	: Rear Exterior An	nd Roof					

Mechanical	Current Repair	Future Rep	lacement	Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2046	* *	1			
Conversion Equipment							
Furnace	50%	2031	* *	1	\$2,800		
	Other Observation, Extent: Light, Ar	ea Affected : 100	%				
	Location: Roof						
	Explanation: 4 Heating / Cooling U	Inits					
Hot Water Boiler	50%	2039	* *	1	\$2,800		
Distribution							
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$3,200		
Hot Wtr Piping/Pump	50%	2042	* *	4	\$300		
Terminal Devices							
Convector/Radiator	100%	2039	* *	1	\$3,700		
Air Conditioning							
Energy Source							
Electricity	100%	2042	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13001

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	99%		2031	* *	2	\$700		
	Other Observation, E Location : Roof							
	Explanation : 4 - He	eating / Cooling U	nits R-22					
Window/Wall Unit	1%		2021	\$200	1			
Distribution Ductwork/Diffusers No Component	99% 1%		LIFE	* *	2	\$14,600		
Ventilation	17.0							
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,300		
Exhaust Fans								
Roof	80%		2031	* *	2	\$300		
Wall Unit	20%		2031	* *	2	\$100		
Plumbing H/C Water Piping Brass/Copper	100%		2046	* *	1			
Water Heater								
Gas Fired	100%		2021	\$6,500	2	\$200		
	Other Observation, E Location : Basemen Explanation : 1 - 10	t		: 100%				
Sanitary Piping								
Cast Iron	100% Now Other Observation, E Location : Basemen		LIFE Area Affe	* * ected : 100%	1			
	Explanation : Report Cleaning Was Not V		ain Requ	ires Monthly Clear	ning. Rea	son For Required		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1			
Backflow Preventer Generic	100%		2031	* *	1	\$700		
Fixtures Generic	100%							
Fire Suppression Sprinkler								
Generic	100%		2046	* *	1-2	\$3,200		
Chemical System Generic	100%		2024	\$1,900	1-3	\$3,700		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 10

Address : 124 LIBERTY STREET @ GREENWICH ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,290 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 52 Lot : 22 BIN : 1075700

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,300	\$2,000		\$24,900
Interior Architecture	\$2,500	\$1,100	\$1,000	
Electrical	\$15,400	\$600	\$2,100	\$9,100
Mechanical	\$4,200	\$500	\$3,200	\$300
Total	\$24,400	\$4,200	\$6,300	\$34,300
Importance Code A	\$2,300	\$2,000	\$200	\$24,900
Importance Code B	\$22,100	\$2,100	\$5,500	\$9,400
Importance Code C			\$600	
Total	\$24,400	\$4,200	\$6,300	\$34,300



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13009

Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Masonry: Brick	75%			LIFE	* *	5	\$19,000		
Metal Panel	20%			2047	* *	5-10	\$34,800		
Wood Overhead Doors	5%			2032	* *	5	\$6,300		
Windows									
Aluminum	100%			2043	* *	5	\$600		
Parapets									
Cast Stone/Terra Cotta	10%	4+	\$2,300	LIFE	* *	5	\$700		
		ssing Elem : Main Ro	ents, Extent : Ligh of	t, Area A	ffected : 1%				
Masonry: Brick	70%			LIFE	* *	5	\$600		
Metal Rail	20%			2040	* *	5-10	\$3,300		
Roof									
Built-Up (BUR)	100%			2032	* *	10	\$12,200		
nterior Floors									
Cast in Place Concrete	40%			LIFE	* *	5	\$7,500		
Ceramic Tile	10%			2036	* *	5	\$900		
Sheet Vinyl/Rubber	50%	Now	\$2,500	2032	* *	5	\$3,200		
Ž		-	amage, Extent : Li or Corridor And Of		a Affected : 2%				
Interior Walls									
Ceramic Tile	10%			2036	* *	5	\$1,200		
Concrete Masonry Unit	35%			LIFE	* *	5	\$1,700		
Gypsum Board	15%			LIFE	* *	5	\$1,100		
SGFT/Glazed Masonry	25%			LIFE	* *				
Wood	15%			LIFE	* *	5	\$7,100		
Ceilings									
AcousTileSusp.Lay-In	25%			2040	* *	5	\$2,100		
Exposed Concrete	70%			LIFE	* *	5	\$900		
Gypsum Board	5%			LIFE	* *	5	\$500		
			xtent : Light, Area or Ceiling At Toilet						
ite Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2032	* *				

Electrical	Current Re	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date F Total (Years)	Cstimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5		
Raceway						
Conduit	100%	2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13009

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	50%	2043	* *	5	\$100	
Molded Case Bkrs	50%	2035	* *	5	\$100	
Wiring	-00/	20.45	* *			
Thermoplastic	50%	2047	* *	1		
Thermoplastic	50%	2037	* *	1		
Motor Controllers	1000/	2040	* *	-		
Locally Mounted	100%	2040	4- 4-	5		
Grounding Davises						
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Geliefic	Other Observation, Extent :			3	\$100	
	Location: Basement	Light, Tired Tijjeeted . 1	0070			
	Explanation: Water Main					
Stand-by Power	Emplanation : Hatel Main					
Transfer Switches						
Automatic	100%	2040	* *	1	\$1,600	
Generators					+)	
Diesel	100%	2036	* *	1	\$2,100	
	Other Observation, Extent:	Light, Area Affected: 1	00%			
	Location: Basement					
	Explanation: 60 Kw					
Batteries						
Lead/Acid	100%	2021	\$1,500	5	\$200	
Fuel Storage						
Main Tank	100%	2055	* *	5	\$200	
Lighting						
Interior Lighting	4-0/			4.0	4	
Fluorescent	45%	2022	\$6,400	10	\$2,200	
Fluorescent	10%	2027	\$1,400	10	\$500	
	Compact Fluorescent Light, Location : 2nd Floor		ectea : 100%			
Fluorescent	45% 0-2	\$6,400 2037	* *			
	On Extended Life, Extent : N	==	: 100%			
	Location: 1st Floor, Secon	nd Floor, Stairwells				
Egress Lighting						
Exit, Service	50%	2027	\$300	1		
Exit, Battery	50%	2027	\$1,000	10	\$200	
Exterior Lighting	1000/	***=	***			
HID	100%	2027	\$19,900	10		
Alarm						
Security System	500/					
No Component	50%	¢0,000 2027	* *	1	ቀላለል	
Generic	50% 0-2	\$8,000 2037		1	\$900	
	Malfunctioning, Extent : Mo Location : Various Locatio		100%			
	Location . various Locano	ms				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13009

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Digital	5%	Now	\$500	2032	* *	1-3	\$200	
	Devices M	issing, Extent : I	Moderate, Ar	ea Affecte	ed : 100%			
	Location	: 1st - 3rd Floor	rs					
	Local/Batte	ery Operated De	etect, Extent :	Light, Ar	rea Affected : 1009	%		
	Location	: 1st - 3rd Floor	rs					

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type		l Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source Utility Steam	Location : Bo	tion, Extent : Moderate,			1 Valves			
Conversion Equipment	Ехрининоп	. High I ressure Steam I	ретчесия	Thistitution & Ivew	vaives			
Pres. Reducing Valve/LP Steam	100%		2036	* *	5	\$300		
Distribution								
Hot Wtr Piping/Pump	100% Insul. Deterior Location : Bo	rating, Extent : Light, Are asement	2035 a Affecte	* * d : 30%	4	\$400		
Terminal Devices								
Convector/Radiator	100%		2040	* *	1	\$1,700		
Air Conditioning								
Energy Source Electricity	100%		2043	* *	1			
Conversion Equipment Window/Wall Unit No Component	10% 90%		2025	\$1,000	1			
Distribution								
Ductwork/Diffusers No Component	99% 1%		LIFE	* *	2	\$6,800		
Terminal Devices Air Handler/Dir Expansion	95%		2032	* *	1			
1	Location : K	ttion, Extent : Light, Area itchen Ceiling : Condensate Drips	Affected	: 5%				
No Component	5%							
Heat Rejection Air Cooled Condenser Unit	90%		2027	\$900	2	\$3,300		
No Component	10%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13009

Current Repair		Future	Future Replacement		Maintenance	
		Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%		LIFE	* *	2-5	\$3,000	
					\$100	
				2		
-			: 20%			
Location : F	Roof - Serves Locker	Room				
100%		2037	* *	1		
100%		2025	\$4,400	4		
Other Observ	ation, Extent : Ligh	t, Area Affected :	100%			
Location : E	Basement					
Explanation	: Two 119 Gallon l	Units				
100%		2037	* *			
100%		LIFE	* *	1		
100% N	Now \$1	,000 LIFE	* *	1		
Leak Evident,	Extent: Moderate,	Area Affected: 5	%			
Location : 1	st Floor					
100%		2020	\$200	4	\$200	
100%						
100%						
10%		2025	\$200	1-3	\$500	
	100% 100% 5% 80% 15% N Unit Inoperate Location : H 100% Other Observ Location : H Explanation 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	% of Fail Date Estimated Total (Years) 100% 5% 80% 15% Now \$1 Unit Inoperable, Extent: Moderal Location: Roof - Serves Locker 100% Other Observation, Extent: Light Location: Basement Explanation: Two 119 Gallon 100% 100% 100% 100% 100% \$1,00% 100% 100% 100% 100% 100% 100% 100%	Note Fail Date Estimated Cost Year FY	100% LIFE ** 100% LIFE ** 5% 2032 ** 80% 2032 ** 15% Now \$1,200 2037 ** Unit Inoperable, Extent : Moderate, Area Affected : 20% Location : Roof - Serves Locker Room 100% 2037 ** 100% 2037 ** 100% 2025 \$4,400 Other Observation, Extent : Light, Area Affected : 100% Location : Two 119 Gallon Units 100% 2037 ** 100% 2037 ** 100% LIFE ** 100% Now \$1,000 LIFE ** Leak Evident, Extent : Moderate, Area Affected : 5% Location : 1st Floor 100% 2020 \$200	Note Cycle Fail Date Estimated Cost Year Estimated Cost Cycle FY	Now

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 14

Address : 14 EAST 18th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,106 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 846 Lot : 66 BIN : 1016141

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$61,000	
Electrical		\$93,500
Total	\$61,000	\$93,500
Importance Code A	\$61,000	
Importance Code B		\$93,500
Total	\$61,000	\$93,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$40,000	\$300		\$3,900
Interior Architecture	\$64,000	\$300	\$600	\$200
Electrical	\$2,600	\$400	\$300	\$400
Mechanical	\$9,100	\$700	\$800	\$6,100
Total	\$115,700	\$1,700	\$1,600	\$10,700
Importance Code A	\$40,500	\$800	\$500	\$4,400
Importance Code B	\$68,000	\$900	\$500	\$6,200
Importance Code C	\$7,300		\$600	
Total	\$115,700	\$1,700	\$1,600	\$10,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13010

Architecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	100/				* *	_	#12.2 00	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$12,300	
Masonry: Brick	65% 5%		¢0.500	LIFE LIFE	* *	5 5	\$10,200	
Masonry: Granite	Cracking/		\$9,500 Extent : Moderate			3	\$600	
Masonry: Limestone	10%			LIFE	* *	5	\$1,200	
Wood Overhead Doors	10%			2032	* *	5	\$7,900	
Windows							•	
Wood	Thermally	Now Inefficient : Through	\$61,000 , Extent : Moderate	2052 e, Area A	* * ffected : 100%	5	\$10,900	
	Location Worn/Ero	: Through	: Moderate, Area					
Parapets Cast Stone/Terra Cotta	25%	Now	\$2,300	LIFE	* *	5	\$1,100	
		r Miss/Erod 1 : Front Fd	d, Extent : Severe, A acade	Area Affe	ected : 20%			
Masonry: Brick	70%			LIFE	* *	5	\$400	
Metal Rail	5%			2040	* *	5-10	\$500	
Roof								
Asphalt Shingle		d/Bulging,	\$300 Extent : Moderate, Roof Area Towards					
Modified Bitumen	85%		\$24,300	2037	**			
2.20 4.210 4.214	Punct/Tea	r/Impact D	amage, Extent : Ma Roof Area Towards	oderate,		%		
Skylight, Metal/Glass	Glazing B	Now roken/Crac i : Over Thi	\$3,600 ked, Extent : Mode ird Floor	2037 erate, Are	* * ea Affected : 10%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13010

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	50%			LIFE	* *	5	¢0.600	
Cast in Place Concrete Ceramic Tile		Now	\$2,600	2036	* *	5 5	\$9,600 \$200	
Ceranne The			xtent : Severe, Are		d : 30%	3	\$200	
			or Laundry Room A					
Quarry Tile	5%			2040	* *	5	\$700	
Vinyl Tile	20%	Now	\$14,900	2037	* *	3	\$700	
	Broken/Mi	issing Elem	ents, Extent : Mod	erate, Ai	ea Affected : 25%			
		: 2nd Floo						
			Extent : Moderate	, Area A	ffected : 25%			
		: 2nd Floo		A CC . 1	250/			
		aea, Extent : Second I	: Moderate, Area . Floor	Ађестеа	: 25%			
Wood				2042	* *	-	¢1.600	
wood		Now	\$11,600 Extent : Moderate,			5	\$1,600	
		: Third Fl		лгеи лу	Jecieu . 25/0			
			: Moderate, Area	Affected	: 20%			
	-	: Third Fl		00				
Interior Walls								
Ceramic Tile	10%			2036	* *	5	\$1,200	
Masonry: Brick	15%			LIFE	* *			
Plaster		Now	\$7,300	LIFE	**	5	\$2,700	
	_	Crumbling, : East Side	Extent : Moderate	e, Area A	ffectea : 15%			
Ceilings	Locuiton	. East Stat						
AcousTileSusp.Lay-In	5%			2044	* *	5	\$400	
Tieous Theousp. Eury Th		place Evide	ent, Extent : Light,		ected : 100%	5	ψ100	
	Location	: Second I	Floor Office					
Embossed Metal	70%	Now	\$27,000	LIFE	* *	5	\$2,800	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ai	ea Affected : 20%			
		: Third Fl						
			Extent : Moderate,	Area Af	fected : 25%			
		: Third Fl	oor					
Exposed Concrete	20%			LIFE	* *	5	\$300	
Gypsum Board	5%	0-2	\$400	LIFE	**	5	\$600	
	_	_	Extent : Moderate ling Due To Roof I	-	ffected : 5%			
Site Enclosure								
Free Standing Walls	1000/			2062	* *			
Cast in Place Concrete Site Pavements	100%			2062				
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Activity Yard	100/0			2010				
Cast in Place Concrete	100%			2040	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13010

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	**	5		
	Other Observation, Extent: Moderate,	Area Affecte	d: 100%			
	Location: Basement	400 4				
Raceway	Explanation: Main Service Rated @	400 Amperes	•			
Conduit	100%	2037	* *	1		
Panelboards	10070	2037		1		
Molded Case Bkrs	100%	2035	* *	5	\$100	
Wiring	10070				Q100	
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5		
•	Other Observation, Extent: Light, Area	a Affected : 1	00%			
	Location: 1st Floor					
	Explanation: Overhead Door Operat	ors				
Ground						
Grounding Devices	1000/	TIPE	* *	_	#100	
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting Fluorescent	5%	2027	\$700	10	\$200	
Tuorescent	Other Observation, Extent : Moderate,		*	10	\$200	
	Location: Kitchen	11, 00, 12,, 00,00				
	Explanation : Compact Fluorescent L	amps				
LED	95%	2027	\$40,700			
222	Recent Installation, Extent : Light, Area					
	Location: Throughout	55				
Exterior Lighting						
HID	100%	2027	\$19,300	10		
Alarm						
Fire/Smoke Detection						
Generic, Analog	100% Now \$2,600	2027	\$52,800	1-3	\$2,900	
	Devices Missing, Extent: Light, Area A	Affected: 100	9%			
	Location: Throughout					
	Local/Battery Operated Detect, Extent	: Light, Area	Affected: 1009	%		
	Location : Throughout					

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source Natural Gas	100%	2037 **	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13010

\$5,100 \$400 \$1,500	Priority
\$400	
\$400	
\$400	
\$1,500	
\$1,500	
\$1,300	
\$300	
\$100	
	\$300 \$100

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 14

Asset #: 13010

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Fire Suppression				
Chemical System				
Wet	10%	2022 \$200	1-3 \$500	
No Component	90%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 151/LADDER CO. 76

Address : 7219 AMBOY ROAD

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : FIRSECO.151 / 13081 Yr Built/Renovated : 1929 /

Area Sq Ft : 7,012 Project Type : FIRE DEPARTMENT

Date of Survey : 12-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8040 Lot : 10 BIN : 5089056

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,000	\$1,000		
Interior Architecture	\$27,600		\$400	\$1,200
Electrical	\$600	\$800	\$2,200	\$600
Mechanical	\$2,100	\$900	\$1,200	\$7,700
Site Enclosure	\$2,800			
Total	\$55,200	\$2,700	\$3,800	\$9,600
Importance Code A	\$22,700	\$1,600	\$700	\$700
Importance Code B	\$23,300	\$1,100	\$3,000	\$8,900
Importance Code C	\$9,200	·	\$200	
Total	\$55,200	\$2,700	\$3,800	\$9,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13081

Architecture	(Current Rep	air	Futur	Future Replacement		Maintenance	
System Component Type		ail Date Es Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$16,000	
Masonry: Granite	5%	4+	\$2,700	LIFE	**	5	\$900	
		ing Elements Apparatus D	s, Extent : Ligh Door Jambs	t, Area A	ffected : 5%			
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Stucco Cement	5%	0-2	\$3,300	2032	* *	5	\$1,400	
		umbling, Ext Stair Bulkhe	tent : Moderate ad	, Area Aj	ffected : 10%			
Wood Overhead Doors	15%			2044	* *	5	\$17,100	
	Recent Repla	ice Evident,	Extent : Light,	Area Aff	ected : 100%		·	
	Location :	Apparatus D	oor Replaced	With Fibe	erglass Ohd			
Windows								
Aluminum	100%			2035	* *	5	\$1,900	
Parapets								
Masonry: Brick	80%	0-2	\$6,400	LIFE	* *	5	\$2,200	
			ate, Area Affec	ted : 10%	ó			
	Location :	Throughout						
Masonry: Limestone	20%			LIFE	* *	5	\$700	
Roof								
Asphalt Shingle	8%			2036	* *	10	\$100	
Modified Bitumen	90%	4+	\$1,100	2032	* *			
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Main Roof							
	Other Obser Location :		nt : Moderate, 1	Area Affe	cted : 50%			
	Explanation	n : Loose Lu	mber Material.	s And Pla	utforms Impacting	New Mer	nbrane.	
Skylight, Metal/Glass	2%			2047	* *	10	\$700	
Interior Floors								
Cast in Place Concrete	50%	Now	\$1,100	LIFE	* *	5	\$11,500	
	Cracking/Cr	umbling, Ext	tent : Severe, A	rea Affec	rted : 2%		·	
	Location:	Roof Bulkhe	ad Landing					
Ceramic Tile	3%			2036	* *	5	\$300	
Quarry Tile	10%			2032	* *	5	\$1,600	
Terrazzo	2%			LIFE	* *	5	\$200	
Vinyl Tile	35%	0-2	\$15,600	2027	\$31,200	3	\$1,400	
•	Broken/Miss Location:			erate, Ar	ea Affected : 20%			
	Worn/Erodeo	d, Extent : M	loderate, Area	Affected	: 50%			
		Throughout						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13081

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	3%			2036	* *	5	\$400	
Masonry: Brick	10%			LIFE	* *	_	0.1.0 00	
Plaster	30%		\$6,400	LIFE	**	5	\$1,200	
	_	_	Extent : Moderate	-	-			
			l And Hose Tower					
			Extent : Moderate,	Area Afj	tected: 15%			
			or Bathroom Areas	4 66	1 2007			
			xtent : Severe, Are l And Hose Tower I					
a arm/at 114			Ana Hose Tower		* *			
SGFT/Glazed Masonry	45%			LIFE	* *	_	Ф1 100	
Wood	2%			LIFE	* *	5	\$1,100	
Ceilings	10%	4+	\$400	2032	* *	5	\$500	
AcousTileSusp.Lay-In	Staining/L		Extent : Moderate			3	\$300	
Exposed Concrete	60%			LIFE	* *	5	\$1,000	
1	Recent Re		ent, Extent : Light, at Ceiling		ected : 100%		¥ ,,	
Plaster	Cracking/ Location Water Per	: Hose To	xtent : Moderate, A	·		5	\$2,000	
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Free Standing Walls								
Concrete Masonry Unit	Broken/M	-	\$2,800 ents, Extent : Mod Vall At Rear Yard	2037 erate, Ar	* * ea Affected : 15%			
Site Pavements								
On-Site Walkways Cast in Place Concrete	100%			2032	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts	•			
Service Equipment				
Fused Disc Sw	100%	2047 **	5	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: Basement			
	Explanation: 200 Amp			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13081

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	75%	2027	\$23,500	1		
Conduit	25%	2047	* *	1		
Panelboards						
Fused Disc Sw	50%	2043	* *	5	\$100	
Molded Case Bkrs	25%	2035	* *	5		
Molded Case Bkrs	25%	2043	* *	5		
Wiring Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5		
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location : 1st Floor					
	Explanation : Overhead De	oor Operators				
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches	1000/	2040	* *		#2.2 00	
Automatic	100%	2040	* *	1	\$2,200	
Generators	1000/	2026	* *	1	¢2.700	
Diesel	100%	2036		1	\$2,700	
	Other Observation, Extent : Location : Outdoor	Ligni, Area Ajjeciea :	100%			
	Explanation: 60 Kw					
Batteries	Explanation : 00 KW					
Lead/Acid	100%	2021	\$1,500	5	\$300	
Fuel Storage	10070	2021	\$1,500		\$300	
Main Tank	100%	2055	* *	5	\$200	
Lighting	10070	2033			Ψ200	
Interior Lighting						
Fluorescent	95%	2027	\$18,000	10	\$6,100	
	T-8 Lamps And Fixtures, Ext				4-7	
	Location : Throughout	_ 00				
Incandescent	5%	2027	\$2,200	2		
moundoscent	Other Observation, Extent:			-		
	Location : 1st Floor	<i>y</i> . <i>yy</i>				
	Explanation : Incandescen	t Lamps				
	T	· · · · · · · · · · · · · · · · · · ·				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13081

Electrical	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
HID	60%	2032	* *	10		
	Other Observation, Extent: Light, Ar	ea Affected : 100	0%			
	Location : Exterior					
	Explanation: Switch Operated					
Incandescent	10%	2027	\$2,200	2		
	Other Observation, Extent: Light, Ar	ea Affected : 100	0%			
	Location : Exterior					
	Explanation: Switch Operated					
No Component	30%					
Lightning Protection						
Arresters/Cabling						
Generic	100%	2055	* *	5	\$200	
Alarm						
Fire/Smoke Detection						
No Component	80%					
Generic, Analog	20%	2027	\$14,500	1-3	\$900	
	Local/Battery Operated Detect, Exten Location : 2nd Floor	t : Light, Area A	Affected: 1009	%		

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2047	* *	1		
Conversion Equipment						
Furnace	10%	2032	* *	1	\$400	
	Other Observation, Extent: Light, Area	a Affected	: 10%			
	Location: 1st Floor Lounge					
	Explanation: Gas Fireplace					
Steam Boiler	90%	2040	* *	1	\$6,300	
Distribution						
Central Plant Steam	100%	2047	* *	4	\$500	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2032	* *	1	\$2,300	
	Other Observation, Extent: Light, Area	a Affected	: 100%			
	Location: Throughout					
	Explanation : All Original Equipmen	t				
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13081

echanical	Current Repair	Future	Future Replacement		Maintenance				
vstem Component Type	% of Fail Date Estimat Total (Years)	red Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
r Conditioning		•							
Conversion Equipment									
Split Unit	10%	2027	\$14,000						
Window/Wall Unit	50%	2022	\$6,800	1					
No Component	40%								
entilation									
Exhaust Fans	000/ N	¢1 100 2027	\$21,000	2	\$200				
Interior	90% Now Broken, Extent : Moderate, Ar	\$1,100 2027	\$21,000	2	\$200				
	Location: 1st Floor Bathroo	m							
Wall Unit	10%	2032	* *	2					
	Other Observation, Extent : Light, Area Affected : 10% Location : Exterior Wall								
	Explanation : Kitchen Hood	Exhaust							
ımbing									
H/C Water Piping									
Brass/Copper	10%	2047	* *	1					
Galvanized Steel	90%	2032	* *	1					
	Other Observation, Extent : M Location : Cellar	oderate, Area Affec	cted : 10%						
	Explanation: No Dielectric	Union Between Cop	per And Galvani	zed Pipe					
Water Heater									
Gas Fired	100%	2025	\$4,000	2	\$100				
	Other Observation, Extent : Light, Area Affected : 100% Location : Cellar								
	Explanation: One 75 Gallon	Heater							
Sanitary Piping									
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1					
Sump Pump(s)									
Submersible	100%	2021	\$200	4	\$100				
Backflow Preventer									
No Component	90%								
Generic	10%	2032	* *	1					
	Other Observation, Extent : Light, Area Affected : 10% Location : Cellar								
	Explanation : On Boiler Mal	xe Up Water Feed							
Fixtures									
Generic	100%								
	Obsolete Fixtures, Extent : Lig	ht, Area Affected :	100%						
	Location: All Bathrooms								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 152

Address : 256 HYLAN BOULEVARD

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.152 / 13082 Yr Built/Renovated : 1930 /

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2856 Lot : 15 BIN : 5042846

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$47,700	
Interior Architecture	\$87,400	
Electrical		\$77,700
Total	\$135,100	\$77,700
Importance Code A	\$47,700	
Importance Code B	\$87,400	\$77,700
Total	\$135,100	\$77,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,100			\$2,600
Interior Architecture	\$37,600	\$800		\$700
Electrical	\$2,300	\$400	\$500	\$47,100
Mechanical	\$42,000	\$1,100	\$1,000	\$1,100
Site Pavements	\$2,300			
Total	\$99,300	\$2,400	\$1,500	\$51,600
Importance Code A	\$15,700	\$600	\$600	\$3,200
Importance Code B	\$60,200	\$1,200	\$900	\$48,300
Importance Code C	\$23,400	\$600		
Total	\$99,300	\$2,400	\$1,500	\$51,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 152

Asset #: 13082

rchitecture		Current I	Repair	Future Replacement		Maintenance			
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Exterior Walls									
Masonry: Brick	80%			LIFE	* *	5	\$16,800		
Masonry: Granite	3%			LIFE	* *	5	\$500		
Masonry: Limestone	7%		\$8,000	LIFE	* *	5	\$1,100		
			derate, Area Affect	ted : 10%	ó				
			Overhead Doors						
Masonry: Sandstone	5%			LIFE	* *	5	\$800		
	Recent Re	Recent Repair Evident, Extent: Light, Area Affected: 100%							
	Location	: Blueston	e Window Lintels T	Througho	out				
Wood Overhead Doors	5%			2032	* *	5	\$5,200		
			: Light, Area Affe		%		4-,		
		ı : Through							
Windows									
Aluminum	100%	4+	\$7,100	2035	* *	5	\$900		
	Caulking I	Deteriorate	ed, Extent : Modera	te, Area	Affected : 90%				
	Location	ı : Perimete	er Sealant At All W	indows					
Parapets									
Masonry: Brick	80%			LIFE	* *	5	\$2,100		
Masonry: Limestone	20%			LIFE	* *	5	\$700		
Roof									
Modified Bitumen	97%	0-2	\$47,700	2037	* *				
	Alligatorii	ng, Extent :	Moderate, Area A	ffected :	100%				
	Location	: Through	out						
	Ponding, Extent: Light, Area Affected: 5%								
	Location	ı : Hylan B	oulevard Elevation						
	Seams Op	en/Split, Ex	ctent : Light, Area	Affected :	10%				
	•	: Through							
Skylight, Metal/Glass	3%			2047	* *	10	\$800		

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 152

Asset #: 13082

Current Repair		Future Replacement		Maintenance				
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
				* *	5	\$10,000		
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location: Main Entrance And At Several Locations On Apparatus Floor								
Water Penetration, Extent: Moderate, Area Affected: 25%								
		·	•					
			a Affecte	d: 100%				
	Location : Apparatus Floor							
Explanati Required	on : Floor	Is Currently Shore	ed By Ste	eel Columns, Repai	ir Or Rep	lacement Is		
5%			2030	* *	5	\$500		
5%			2032	* *	5	\$700		
5%	Now	\$400	LIFE	* *	5	\$400		
	_	_	t, Area A	ffected : 2%				
Location	: Office Sp	ace By Entrance						
35%	2-4	\$10,900	2037	* *	3	\$1,200		
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Vinyl Base								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location	: Through	out						
25%	Now	\$18,800	LIFE	* *				
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location	: Diagona	l Cracks At North	And Wes	t Foundation				
10%			2030	* *	5	\$1,200		
5%			LIFE	* *	5			
				* *		,		
25%	0-2	\$2,400	LIFE	* *	5	\$900		
Water Penetration, Extent: Moderate, Area Affected: 10%								
25%			LIFE	* *				
				* *	5	\$2.400		
	50% Cracking/C Location Water Penel Location Other Obsel Location Explanatin Required 5% 5% Broken/Mis Location Worn/Erod Location 25% Cracking/C Location 10% 5% 5% Water Penel	% of Fail Date Total (Years) 50% Now Cracking/Crumbling, Location: Main End Water Penetration, E. Location: Basemen Other Observation, E Location: Apparatu Explanation: Floor Required 5% 5% Now Broken/Missing Elem Location: Office Sp 35% 2-4 Loose/Delam Surface Location: Vinyl Base Worn/Eroded, Extent Location: Throught 25% Now Cracking/Crumbling, Location: Diagonal 10% 5% 5% 25% 0-2 Water Penetration, E. Location: 2nd Floor 25%	% of Fail Date Estimated Cost Total (Years) 50% Now \$47,600 Cracking/Crumbling, Extent: Severe, A Location: Main Entrance And At Seve Water Penetration, Extent: Moderate, A Location: Basement At All Elevations Other Observation, Extent: Severe, Are Location: Apparatus Floor Explanation: Floor Is Currently Shore Required 5% 5% 5% 5% Now \$400 Broken/Missing Elements, Extent: Ligh Location: Office Space By Entrance 35% 2-4 \$10,900 Loose/Delam Surface, Extent: Moderate Location: Vinyl Base Worn/Eroded, Extent: Moderate, Area Location: Throughout 25% Now \$18,800 Cracking/Crumbling, Extent: Moderate Location: Diagonal Cracks At North 10% 5% 5% 25% 0-2 \$2,400 Water Penetration, Extent: Moderate, A Location: 2nd Floor Stair And Bathro 25%	% of Fail Date Estimated Cost Total (Years) FY	% of Total (Years) Year Estimated Cost FY	% of Total (Years) Year Estimated Cost (Yrs)	Sof Fail Date Estimated Cost FY Stimated Cost Total FY Stimated Cost FY Stimated Cost Stimated Cost FY Stimated Cost Stimated Cost	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 152

Asset #: 13082

Architecture	Current Repair		Future Replacement		M					
System Component Type		Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Ceilings										
AcousTileSusp.Lay-In	20%			2044	* *	5	\$1,800			
	Recent Replace Location :		Extent : Light,	Area Affe	ected : 100%					
Exposed Concrete	45%	Now	\$39,800	LIFE	* *	5	\$600			
1		Exposed Reinforcement, Extent: Moderate, Area Affected: 5%								
	Location :	-								
	Spalling, Ex	tent : Modera	ite, Area Affec	ted : 15%	ó					
	Location: Basement									
	Water Penet	Water Penetration, Extent: Severe, Area Affected: 100%								
	Location:									
	Other Obser	rvation, Exten	t : Severe, Are	a Affecte	d : 100%					
	Location:									
	Explanatio Required.	on : Apparatu	s Floor Is Tem	porarily	Shored With Steel	Columns	s, Replacement Is			
Plaster	35%	Now	\$4,200	LIFE	* *	5	\$2,000			
	Cracking/Cr	rumbling, Ext		, Area Aj	ffected : 10%					
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Apparatus Floor									
			ent : Moderate	, Area A	ffected : 50%					
	_	2nd Floor Th								
Site Enclosure			-							
Fence/Gates										
Chain link	100%			2037	* *					
Retaining Walls										
Cast in Place Concrete	100%			2047	* *					
Site Pavements										
On-Site Walkways										
Cast in Place Concrete	100%	Now	\$2,300	2040	* *					
	Cracking/Cr	rumbling, Ext	ent : Light, Arc	ea Affecte	ed : 5%					
	Location:	Pavement Lo	cated Adjacen	t To Gen	erator					

lectrical	Current Repair	Futur	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts		•				
Service Equipment						
Fused Disc Sw	100%	2027	\$4,800	5		
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Basement					
	Explanation: Main Service 200 Amp					
Switchgear / Switchboard						
Fused Disc Sw	100%	2027	\$48,800	5		
Raceway						
Conduit	95%	2027	\$29,700	1		
Conduit	5%	2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 152

Asset #: 13082

Electrical	Current Repair	Future	Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Panelboards								
Molded Case Bkrs	75%	2026	\$28,900	5	\$100			
Molded Case Bkrs	25%	2043	* *	5				
Wiring			de de					
Thermoplastic	100%	2037	* *	1				
Motor Controllers	1000/	2025	01.4.400	_				
Locally Mounted	100%	2025	\$14,400	5				
	Other Observation, Extent: Light, A	rea Affected	: 100%					
	Location: 1st Floor	0 1 11						
G 1	Explanation : Motor Controller Fo.	r Overhead I	<i>Joor</i>					
Grounding Davises								
Grounding Devices Generic	100% 0-2 \$1,900	0 LIFE	* *	5	\$100			
Generic	Other Observation, Extent: Moderat			3	\$100			
	Location: Basement	e, 111eu 11jjet	леи . 5070					
	Explanation : Corroded							
Stand-by Power	Explanation : Corrotted							
Transfer Switches								
Automatic	100%	2040	* *	1	\$1,900			
	Other Observation, Extent : Light, An Location : Basement Explanation : Rating Not Visible	rea Affected	: 100%		4-,200			
Generators	1							
Diesel	100%	2036	* *	1	\$2,400			
	Other Observation, Extent : Light, An Location : Exterior Side Yard	rea Affected	: 100%					
	Explanation: Rated At 40 Kva							
Batteries								
Nickel Cadmium	100%	2022	\$1,500	5	\$1,400			
Fuel Storage								
Day Tank	100%	2043	* *	5	\$1,100			
Lighting								
Interior Lighting			*					
Fluorescent	100%	2022	\$16,600	10	\$5,600			
	T-8 Lamps And Fixtures, Extent: Lig	ght, Area Affe	ected : 100%					
	Location : Throughout							
Exterior Lighting	750/	2022	ф1 . 7. 2. 0. 0. 0.	1.0				
HID	75%	2022	\$17,300	10				
	Outdr Lights On During Daytime, Extent: Moderate, Area Affected: 50%							
	Location: Exterior							
	Other Observation, Extent : Light, An	rea Affected .	: 100%					
	Location: Exterior	11						
	Explanation : Operated Via Photoc							
Incandescent	25%	2022	\$4,900	2				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 152

Asset #: 13082

Mechanical		Current Repair	Futui	Future Replacement Maintenance		aintenance	_	
System Component Type	% of Total	Fail Date Estimated Co (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2047	* *	1			
Conversion Equipment Steam Boiler	100%		2040	* *	1	\$6,100		
Distribution Central Plant Steam Piping/Pmp	100%		2037	* *	4	\$300		
Terminal Devices								
Convector/Radiator	90%		2025	\$27,600	1	\$1,800		
Convector/Radiator	Malfunctio	Now \$30 ming, Extent : Light, Area : 2nd Floor Radiator		**	1	\$200		
		ervation, Extent : Light, A : 2nd Floor	rea Affectea	l : 10%				
	Explanat	ion : Radiator Valves Mis	sing/Broker	n				
Air Conditioning								
Energy Source Electricity	100%		2049	* *	1			
Conversion Equipment								
Window/Wall Unit	60%		2025	\$7,200	1			
Window/Wall Unit	Other Obs Location	Now \$2,40 ervation, Extent: Moderate : Throughout ion: Not Operating		\$2,400 ected : 20%	1			
No Component	20%							
Dehumidifier Technique								
Generic	100%		2028	\$200				
Ventilation Exhaust Fans Interior		Now \$2,00 rable, Extent : Moderate, : Roof		* * ed : 50%	2			
Interior	70%		2027	\$14,300	2	\$100		
Roof	Location	ervation, Extent : Light, A : Roof ion : Kitchen Exhaust	2032 rea Affectea	* * l : 100%	2			
Wall Unit	10% Malfunctio	Now \$10 oning, Extent : Moderate, A : Basement		* * d : 30%	2			

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 152

Asset #: 13082

Mechanical	Current Repair	Future Replacer	nent	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	l Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping	200/ 2.4 #4.200	2027	* *			
Brass/Copper	20% 2-4 \$4,300 Corroded, Extent : Moderate, Area Aff Location : Basement		* *	1		
Galvanized Steel	80% 4+ \$8,000 Corroded, Extent: Light, Area Affected Location: Basement Not Insulated, Extent: Light, Area Affe Location: Cellar Other Observation, Extent: Moderate, Location: Throughout	d : 20% ected : 100%	* *	1		
	Explanation: No Dielectric Fittings					_
Water Heater Gas Fired	100% Other Observation, Extent: Light, Are Location: Cellar Explanation: Two 75 Gallon Heater	ea Affected : 100%	3,500	2	\$100	
Sanitary Piping	Ziipiumiumi 1770 70 Guiton 11cuies					
Cast Iron	100% 4+ \$16,800 Corroded, Extent : Moderate, Area Aff Location : Basement		* *	1		
Storm Drain Piping Cast Iron	100% 4+ \$7,200 Corroded, Extent : Moderate, Area Aff Location : Basement		* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$200	4	\$200	
Backflow Preventer						
No Component	95%					
Generic	5% Other Observation, Extent : Light, Are Location : Cellar Explanation : Boiler Feed	2035 va Affected : 10%	* *	1		
Fixtures	-					
Generic	100% Obsolete Fixtures, Extent : Light, Area Location : 2nd Floor	a Affected : 40%				
Fire Suppression						_
Chemical System						
Wet No Component	10% 90%	2022	\$200	1-3	\$500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 153/LADDER CO. 77

Address : 74 BROAD STREET

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : FIRSECO.153 / 13083 Yr Built/Renovated : 1915 / 2003

Area Sq Ft : 9,504 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 529 Lot : 9 BIN : 5013836

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$184,900	\$68,700
Interior Architecture	\$76,700	
Mechanical		\$207,900
Site Pavements	\$35,900	
Total	\$297,500	\$276,600
Importance Code A	\$184,900	\$126,200
Importance Code B	\$76,700	\$150,400
Importance Code C	\$35,900	
Total	\$297,500	\$276,600

Total	\$187,900	\$8,100	\$1,700	\$26,200
Importance Code C	\$13,900			
Importance Code B	\$110,200	\$1,300	\$800	\$25,300
Importance Code A	\$63,700	\$6,900	\$900	\$900
Total	\$187,900	\$8,100	\$1,700	\$26,200
Site Pavements	\$12,300			
Mechanical	\$49,300	\$1,300	\$1,500	\$12,500
Electrical	\$1,800	\$200	\$100	\$13,800
Interior Architecture	\$61,700	\$700	\$200	
Exterior Architecture	\$62,800	\$5,900		
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13083

Architecture	Current Repair	Future Replacement		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Exterior Exterior Walls Masonry: Brick	75% Now \$107,000 Diagonal Cracks, Extent : Moderate, Location : Stair Bulkhead Jnt Mortar Miss/Erod, Extent : Mode Location : Throughout	Area Affected : 5%	5 \$17,800	
	Rusting Masonry Supt, Extent: Mode Location: Rusted Relieving Angles Spalling, Extent: Moderate, Area Aff Location: East Facade, West Facad Worn/Eroded, Extent: Moderate, Are Location: Throughout	At Windows fected : 15% de		
Masonry: Granite	5% 4+ \$14,300 Cracking/Crumbling, Extent: Light, Location: Chipped Corners At Ove	Area Affected : 2%	5 \$900	
Masonry: Limestone	10% 4+ \$25,800 Cracking/Crumbling, Extent: Light, Location: Entrance Jnt Mortar Miss/Erod, Extent: Mode Location: Cornice	Area Affected : 10%	5 \$1,800	
Wood Overhead Doors	10%	2040 **	5 \$11,800	
Windows Aluminum	100% 4+ \$13,700 Glazing Broken/Cracked, Extent : Mo Location : Side Yard		5 \$800	
Parapets Cast Stone/Terra Cotta	10% 0-2 \$9,000 Broken/Missing Elements, Extent: M Location: Terra Cotta Copings Are Jnt Mortar Miss/Erod, Extent: Mode Location: Deteriorated Mortar Join	oderate, Area Affected : 20% Broken rate, Area Affected : 100%		
Masonry: Brick	90%	LIFE **	5 \$3,200	
Roof Modified Bitumen	95% 2-4 \$41,200 Blisters, Extent : Moderate, Area Affo Location : Main Roof Broad Street Drains Clogged, Extent : Severe, Are Location : Main Roof	ected : 100% Corner		
	Ponding, Extent: Light, Area Affecte Location: Throughout	d : 20%		
Skylight, Metal/Glass	3% Recent Replace Evident, Extent: Light Location: Hook And Ladder Side Comments		10 \$1,200	
Skylight, Metal/Glass	2% Now \$36,700 Water Penetration, Extent: Severe, A Location: Second Floor - Skylight A	2057 ** Area Affected : 50%		1

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13083

Architecture	Current Repair	Futu	Future Replacement Maintenance				
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior							
Floors	750/ 31	Φ 2 0.700 LIEE	* *	-	#21 000		
Cast in Place Concrete	75% Now Broken/Missing Elements, I Location: Glass Block Pa Cracking/Crumbling, Exten Location: Diagonal Crac Water Penetration, Extent: Location: Basement Town	ivement At Side Yara it : Moderate, Area A ks At The 1st And 2n Severe, Area Affecta	Affected : 2% ffected : 30% d Floor Throughou ed : 50%	5 et	\$21,800		
Ceramic Tile	10% 2-4 Cracking/Crumbling, Exten Location: Kitchen And Bo	-		5	\$700		
Quarry Tile	5% 0-2 Cracking/Crumbling, Exten Location: Kitchen Worn/Eroded, Extent: Moa Location: Bathroom 2nd	lerate, Area Affected	-	5	\$500		
Vinyl Tile	10%	2027	\$11,300	3	\$500		
Interior Walls							
Ceramic Tile	10% 4+ Cracking/Crumbling, Exten Location : Apparatus Floc		* * red : 5%	5	\$900		
Masonry: Brick	60% 0-2 Jnt Mortar Miss/Erod, Exte Location: First Floor	\$8,500 LIFE nt : Moderate, Area	* * Affected : 10%				
Plaster	30% Now Diagonal Cracks, Extent: Management of the Location: Various Second Paint Peeling, Extent: Mode Location: Hose Tower Water Penetration, Extent: Location: Kitchen, Second	d Floor Locations lerate, Area Affected Moderate, Area Affa	: 100%	5	\$1,600		
Ceilings				_			
AcousTileSusp.Lay-In Exposed Struc: Steel	10% 55% Now Corrosion/Rusting, Extent: Location: Steel In Cellar			5 Deteriora	\$1,300 ating		
	Other Observation, Extent : Location : 1st Floor Fram Explanation : Missing Fir	· Light, Area Affected aing			-		
Plaster	35% Now Cracking/Crumbling, Exten Location: Second Floor A Water Penetration, Extent: Location: Second Floor A	Around Skylight Ared Severe, Area Affecte	ed : 30%	5	\$2,900		

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13083

Architecture	Current Repair Future Replacement			e Replacement	M			
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$12,300	2047	* *			
	Other Obse	ervation, Extent	: Severe, Are	a Affecte	d : 100%			
	Location	: Sidewalk In F	ront Of Build	ing Is Le	aking Into Baseme	nt		
	Explanati	ion : Leakage Is	Rusting Supp	port Steel	l Below			
On-Site Walkways								
Pavers/Stone	100%	Now	\$35,900	2042	* *			

Broken/Missing Elements, Extent: Severe, Area Affected: 100%

Water Into The Basement

Location: Precast Concrete/ Glass Paver At Side Yards/ Missing Glass Elements Allowing

Electrical		Current Repair		re Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2047	* *	3		
	Other Obs	ervation, Extent : Light, Are	a Affected	l : 100%			
	Location	: Basement					
	Explanat	ion : 400 Amperes Disconn	ect Switch				
Under 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2047	* *	5	\$300	
Raceway							
Conduit	90%		2047	* *	1		
Conduit	10%	0-2 \$1,600	2037	* *	1		
	Corroded,	Extent : Light, Area Affecte	d: 100%				
	Location	: Excessive Corrosion In B	asement				
Panelboards							
Molded Case Bkrs	100%		2035	* *	5	\$300	
Wiring							
Thermoplastic	100%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2040	* *	5	\$100	
·	Other Obse	ervation, Extent : Light, Are	a Affected	l : 100%			
	Location	: 1st Floor					
	Explanat	ion : Motorized Door Operd	ators - Ga	rage Doors			
Ground		-					
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13083

Electrical	Current Repair	Futur	e Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting								
Interior Lighting								
Fluorescent	75%	2027	\$19,300	10	\$6,500			
	T-8 Lamps And Fixtures, Extent: Light Location: Throughout	nt, Area Aff	ected : 100%					
Fluorescent	25%	2022	\$6,400	10	\$2,200			
	T-8 Lamps And Fixtures, Extent : Ligi Location : Second Floor	nt, Area Aff	ected : 100%					
Egress Lighting								
Exit, Service	25%	2027	\$300	1				
	Other Observation, Extent : Light, Ard Location : 2nd Floor Only	ea Affected	: 100%					
	Explanation: Exit Lights Observed							
No Component	75%							
Exterior Lighting								
HID	100%	2032	* *	10				
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	5% Now \$200	2037	* *	1-3	\$300			
_	Other Observation, Extent: Severe, A	rea Affecte	d : 100%					
	Location : Throughout							
	Explanation: Battery Operated Smo	ke Detecto	rs Missing					
Generic, Analog	5%	2022	\$4,900	1-3	\$300			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Throughout							
	Explanation : Hardwired Smoke De	tectors Obs	erved					

Mechanical	Curro	ent Repair	Futur	e Replacement	M		
System Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2037	* *	1		
	Corroded, Extent	: Light, Area Affected :	10%				
	Location : Grou	ınd Water In Basement					
Conversion Equipment							
Steam Boiler	100%		2025	\$57,500	1	\$9,400	
Distribution							
Central Plant Steam	100%		2027	\$150,400	4	\$700	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$3,100	
Air Conditioning							
Energy Source							
Electricity	100%		2049	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13083

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Window/Wall Unit No Component	60% 40%		2022	\$11,100	1		
Ventilation	7070						
Distribution Ductwork/Diffusers	20% Now Other Observation, Extent: Location: Kitchen Hood Explanation: Improper In		LIFE a Affected	* * d : 100%	2-5	\$1,100	
No Component	80%						
Exhaust Fans	0070						
Interior	20% Now Broken, Extent: Moderate, Location: Bathrooms	\$6,300 Area Affected	2037 d: 30%	* *	2		
Interior	60%		2032	* *	2	\$200	
Roof	10%		2035	* *	2		
Roof	10% Now Damaged, Extent: Light, A Location: Throughout	\$1,500 rea Affected :	2037	* *	2		
Plumbing							
H/C Water Piping							
Brass/Copper	90%		2037	* *	1		
Galvanized Steel	10% Other Observation, Extent: Location: Cellar Mechan	ical Room			1		
Water Heater	Explanation : No Dielectr	ic Fillings Ai	Connec	uon.			
Gas Fired	100% Other Observation, Extent : Location : Cellar Mechan Explanation : 75 Gallon V	ical Room	2025 Affected	\$5,400	2	\$100	
Sanitary Piping							
Cast Iron	40% 0-2 Corroded, Extent: Moderal Location: Cellar Level Other Observation, Extent: Location: Basement Explanation: Pipe Hange	· Moderate, A	rea Affe		1		
Cast Iron	60%		LIFE	* *	1		
Storm Drain Piping	**						
Cast Iron	90% Now Corroded, Extent : Severe, L Location : Basement	\$10,000 Area Affected	LIFE !: 80%	* *	1		
Cast Iron	10% 0-2 Leak Evident, Extent : Mode Location : Roof Drain	\$1,900 erate, Area A	LIFE ffected :	**	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 153/LADDER CO. 77

Asset #: 13083

Mechanical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Co (Yrs)	ost Priority				
lumbing								
Sump Pump(s)								
Submersible	100%	2019 \$300	4 \$30	00				
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location: Cellar Mechanical Ro	oom						
	Explanation : Natural Stream Ne	ear Firehouse. Sumps Constantly	y Running					
Backflow Preventer								
Generic	10%	2032 **	1 \$10	00				
	Other Observation, Extent: Light,	Area Affected : 10%						
	Location: Cellar Mechanical Ro	oom						
	Explanation : On Boiler Make U	p Water Feed						
Generic	90%	2032 **	1 \$50	00				
	Other Observation, Extent : Light, Area Affected : 10%							
	Location: 1st Floor							
	Explanation : On Main Water Se	ervice						
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 154/S.I. BORO COMMAND

Address : 3730 VICTORY BOULEVARD

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.154 / 13084 Yr Built/Renovated : 1972 /

Area Sq Ft : 9,014 Project Type : FIRE DEPARTMENT

Date of Survey : 12-May-2016 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : 2665 Lot : 25 BIN : 5041882

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$126,400	
Interior Architecture		\$22,900
Electrical		\$38,500
Total	\$126,400	\$61,400
Importance Code A	\$126,400	
Importance Code B		\$61,400
Total	\$126,400	\$61,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$5,200	\$3,400		\$2,000
Interior Architecture	\$18,500	\$4,000	\$2,800	
Electrical	\$1,600	\$2,500	\$800	\$20,100
Mechanical	\$1,000	\$1,000	\$700	\$6,800
Site Pavements	\$9,200			
Total	\$35,400	\$10,900	\$4,300	\$28,900
Importance Code A	\$5,600	\$3,800	\$400	\$2,500
Importance Code B	\$4,200	\$7,100	\$2,400	\$26,400
Importance Code C	\$25,600		\$1,400	
Total	\$35,400	\$10,900	\$4,300	\$28,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13084

Architecture	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Alum/Vinyl Siding	5% Now Broken/Missing Eler Location : Porch A	\$3,600 ments, Extent : Mod Addition At Back Ya		* * ea Affected : 15%			
Cast in Place Concrete	10%		LIFE	* *	5	\$10,800	
Masonry: Brick	75%		LIFE	* *	5	\$16,200	
Metal Sect. OHD	10%		2040	* *	5	\$6,700	
Windows							
Aluminum	100% Now Ctrwt/Balnc Not Fur Location: Throug. Caulking Deteriorat Location: Throug. Other Observation, Location: Throug.	hout ted, Extent : Light, A hout Extent : Light, Area	Area Affec	cted : 25%	5	\$1,500	
	Explanation: The	rmally Inefficient					
Parapets							
Metal Cornice	30% Other Observation, Location: Roof Explanation: Meta	Extent : Light, Area al Coping At Perim		* * : 100%	10	\$2,000	
Not Accessible	70%						
Roof							
Asphalt Shingle	3% 0-2 Worn/Eroded, Exten Location : 1st Floo		2042 Affected :	* *			
Not Accessible	96%						
Not Accessible	1%						
Interior							
Floors							
Cast in Place Concrete	40%		LIFE	* *	5	\$11,800	
Ceramic Tile	8% Other Observation, Location: 2nd Flo	por	2036 Affected	* * : 50%	5	\$1,100	
	Explanation: Und	er Construction					
Ceramic Tile	7%		2036	* *	5	\$900	
Terrazzo	5%		LIFE	**	5	\$500	
Vinyl Tile	20%		2027	\$22,900	3	\$1,000	
Vinyl Tile	20%		2032	**	3	\$1,000	
	Other Observation, Location: 2nd Flo	or Bunk Areas	Affected	: 100%			
	Explanation : Und	er Construction					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13084

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%			2036	* *	5	\$1,300	
Ceramic Tile	8%			2036	* *	5	\$1,500	
			Extent : Light, Area	Affected	! : 50%			
		i : 2nd Floo						
	Explana	tion : Unde	r Construction					
Concrete Masonry Unit	15%			LIFE	* *	5	\$1,100	
Gypsum Board	5%			LIFE	* *	5	\$600	
Plaster	20%			LIFE	* *	5	\$1,100	
SGFT/Glazed Masonry	45%	Now	\$16,400	LIFE	* *			
•	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 10%			
	Location	Location : 1st Floor Apparatus Area						
Ceilings								
AcousTileSusp.Lay-In	55%			2040	* *	5	\$7,400	
Gypsum Board	5%	0-2	\$2,000	LIFE	* *	5	\$800	
71	Water Per	netration, E	xtent : Moderate, A	Area Affe	cted : 15%			
	Location	i : 1st Floor	r Rear					
Plaster	20%			LIFE	* *	5	\$1,700	
Plaster	20%			LIFE	* *	5	\$1,700	
1 idstel			Extent : Moderate, 1		ected : 100%	J	Ψ1,700	
		i : 2nd Floo		33				
	Explana	tion : Unde	r Construction					
Site Enclosure	<i>T</i>							
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$9,200	2032	* *			
			ents, Extent : Mod		rea Affected : 30%			
			is Entrance	*	55			

lectrical	Current Repair	Future	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Light, Ar	ea Affected :	100%			
	Location: 1st Floor Electrical Room	n				
	Explanation: 400 Amp					
Raceway						
Conduit	100%	2027	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2026	\$38,500	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13084

Electrical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Braided Cloth	30%	2026	\$8,300	1		
Thermoplastic	70%	2037	* *	1		
Motor Controllers Locally Mounted	100%	2032	* *	5	\$100	
Ground						
Grounding Devices	1000/		de de	_	44.00	
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches	1000/	2022	* *	1	Φ2.000	
Automatic	100%	2032		1	\$2,800	
	Other Observation, Extent : Light Location : Basement	, Area Ajjeciea : 100	J70			
	Explanation: 400 Amp, 3 Pole					
Generators	Explanation: 400 Amp, 3.1 Oie					
Diesel	100%	2030	* *	1	\$3,500	
Diesei	Other Observation, Extent : Light		0%	1	ψ3,500	
	Location : Side Yard	,	-, -			
	Explanation: Exterior					
Batteries	1					
Lead/Acid	100%	2020	\$1,500	5	\$300	
Fuel Storage			<u> </u>			
Day Tank	25%	2035	* *	5	\$400	
	Other Observation, Extent : Light	t, Area Affected : 100	0%			
	Location : Inside Emergency Ge	enerator Enclosure				
	Explanation: Sub-Base Diesel I	Fuel Tank				
Main Tank	75%	2042	* *	5	\$200	
	Other Observation, Extent : Light	t, Area Affected : 100	0%			
	Location: Above Ground, Side	Yard				
	Explanation : 500 Gallon Diese	l Fuel Tank				
Lighting						
Interior Lighting	200/	2022	ф д 3 00	10	#2.50 2	
Fluorescent	30%	2022	\$7,300	10	\$2,500	
	T-8 Lamps And Fixtures, Extent: Location: Throughout Building		t : 100%			
Fluorescent	65%	2027	\$15,900	10	\$5,400	
	T-8 Lamps And Fixtures, Extent: Location: Throughout Building		d : 100%			
Incandescent	5%	2027	\$2,900	2		
Egress Lighting	2 · -	_ ~~ ,	,, · · ·			
Emergency, Service	50%	2022	\$2,200	1		
No Component	50%	~—	, •	-		
Exterior Lighting						
HID	75%	2032	* *	10		
Incandescent	25%	2022	\$7,200	2		
. 1			. ,			

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13084

Electrical		Current Repai	r	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Digital	5%	Now	\$900	2037	* *	1-3	\$200	
	Devices M	issing, Extent : I	Moderate, Ar	ea Affect	ed : 100%			
	Location	: First Floor						
	Local/Batt	ery Operated De	etect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: First Floor						

Mechanical	Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2047	* *	1		
Conversion Equipment Hot Water Boiler	100%	2040	* *	1	\$4,500	
Distribution Hot Wtr Piping/Pump	100%	2043	* *	4	\$700	
Terminal Devices						
Convector/Radiator	80%	2040	* *	1	\$2,300	
Unit Heater - Steam	20%	2027	\$6,000	4	\$200	
Air Conditioning Energy Source Electricity	100%	2043	**	1		
Conversion Equipment	10070	2043		1		
Split Unit	15%	2032	* *			
Window/Wall Unit	35%	2022	\$6,100	1		
No Component	20%		40,-00	_		
Under Construction	30%					
	Other Observation, Extent: Light, Area Location: 2nd Floor Explanation: Under Construction	Affected	: 0%			
Ventilation	Explanation : Other Construction					
Distribution Not Accessible	100%					
Exhaust Fans						
Wall Unit	25%	2027	\$800	2	\$100	
Not Accessible	75%					
Plumbing						
H/C Water Piping Brass/Copper	100% Not Insulated, Extent : Light, Area Affec Location : 1st Floor	2047 cted : 50%	**	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13084

Mechanical	Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
Water Heater						
Gas Fired	100%	2025	\$5,100	2	\$100	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location: Mechanical Room					
	Explanation: 2 - 75 Gallon Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2032	* *	4	\$300	
Sewage Ejector(s)						
Electric	100%	2032	* *	4	\$500	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location: Mechanical Room					
	Explanation: Duplex Unit					
Fixtures						
Under Construction	70%					
	Other Observation, Extent : Light, A	rea Affected	: 0%			
	Location: 2nd Floor					
	Explanation: Bathrooms Under Co	onstruction				
Generic	30%					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 155/LADDER CO. 78

Address : 14 BRIGHTON AVENUE

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 6,108 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 103 Lot : 20 BIN : 5002472

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$63,600	\$134,300
Electrical		\$70,900
Site Pavements	\$71,600	
Total	\$135,200	\$205,200
Importance Code A	\$63,600	\$134,300
Importance Code B		\$70,900
Importance Code C	\$71,600	
Total	\$135,200	\$205,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,600	\$6,900	\$1,400	
Interior Architecture	\$16,100	\$1,200	\$200	
Electrical	\$16,700	\$400	\$400	\$4,400
Mechanical	\$1,200	\$800	\$1,200	\$10,400
Total	\$78,600	\$9,400	\$3,200	\$14,800
Importance Code A	\$45,300	\$7,500	\$2,000	\$600
Importance Code B	\$23,300	\$1,200	\$1,200	\$14,200
Importance Code C	\$10,000	\$600		
Total	\$78,600	\$9,400	\$3,200	\$14,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13085

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	76%	2-4	\$63,600	LIFE	* *	5	\$21,100	
			Extent : Moderate, A					
		-	Area Front (North)					
			Extent : Moderate,					
	Location	: Front (n	orth) And Side (Eas	st) Eleva	tions			
Masonry: Granite	1%			LIFE	* *	5	\$200	
Masonry: Limestone	13%	4+	\$7,900	LIFE	* *	5	\$2,700	
			d, Extent : Moderat	e, Area 1	Affected : 5%			
	Location	: Front Fo	ıcade					
Wood Overhead Doors	10%			2025	\$87,800	5	\$13,900	
Windows								
Aluminum	85%	0-2	\$26,400	2035	* *	5	\$800	
		_	Extent : Moderate, A					
			Lintels Along Fron					
	-		ent : Moderate, Are	a Affecte	ed : 20%			
		: Through						
			Extent : Severe, Ared	a Affecte	d : 25%			
		: 2nd Floo	or Front					
Wood	15%			2026	\$7,800	5	\$2,800	
			_	rea Affected : 10%				
		: 1st Floo						
	Explanat	ion : Glass	s Block At Exterior	Side Of	Wood Windows			
Parapets	200/	3.7	Φ2.400			_	Φ2 000	
Cast Stone/Terra Cotta		Now	\$2,400	LIFE	* *	5	\$2,900	
	_		ed, Extent : Severe,					
		: Coping 1	At Side Wall Parap					
Masonry: Brick	75%			LIFE	* *	5	\$1,400	
Masonry: Limestone	5%	4+	\$1,900	LIFE	**	5	\$100	
	_		tent : Moderate, Ar					
	Location	: Front (n	orth) Has Been Poo	orly Repo	aired			
Roof	100/			2026	* *	1.0	#200	
Asphalt Shingle	10%	0.2	Φ4. 7 00	2036		10	\$200	
Modified Bitumen	88%	0-2	\$4,700	2027	\$46,600			
			ings, Extent : Seve	re, Area	Affectea : 10%			
01 11 1 25 1/01		: Main Ro		20.15	* *			
Skylight, Metal/Glass		Now	\$1,300	2047				1
		_	nents, Extent : Seve		А∏естеа : 100%			
erior	ьосаноп	. Бгокеп (Glazing At Roof Sci	шие				

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13085

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior	•			•				
Floors								
Cast in Place Concrete	60%		\$5,700	LIFE	* *	5	\$12,000	
		netration, E n : Basemen	xtent : Moderate, A t	Area Affe	ected : 15%			
Ceramic Tile	5%			2036	* *	5	\$500	
Quarry Tile	3%			2040	* *	5	\$400	
Vinyl Tile	32%			2032	* *	3	\$1,100	
Interior Walls								
Cast in Place Concrete	15%	4+	\$6,000	LIFE	* *			
		netration, E n : Basemen	xtent : Moderate, A t	Area Affe	ected : 15%			
Ceramic Tile	10%			2040	* *	5	\$1,300	
	Recent Re	place Evide	ent, Extent : Light,	Area Aff	ected : 75%			
	Location	: Through	out					
Gypsum Board	10%			LIFE	* *	5	\$800	
Plaster	40%	0-2	\$4,000	LIFE	* *	5	\$1,500	
	Spalling, I	Extent : Lig	ht, Area Affected :	10%				
	Location	: 2nd Floo	or Roof Scuttle And	l Baseme	nt			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	\$900	
Exposed Concrete	30%			LIFE	* *	5	\$400	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	40%			LIFE	* *	5	\$2,300	
	-	pair Evider : Through	nt, Extent : Light, A out	rea Affe	cted : 10%			
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
Parking/Driveway								
Asphalt	100%		\$71,600	2042	* *			
	_	_	Extent: Moderate	, Area Ą	ffected : 100%			
	Location	: Rear Pai	rking Lot					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13085

Electrical	Electrical Current Repair Future R		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Are Location : Basement Electrical Secti Explanation : 200 Amp		5	
Raceway Conduit Conduit	80% 20% 4+ \$2,500 Covers Missing, Extent : Moderate, An Location : 2nd Floor		1 1	
Panelboards Molded Case Bkrs Molded Case Bkrs Wiring	80% 20%	2035 ** 2026 \$7,700	5 \$100 5	
Braided Cloth	20% 2-4 \$5,500 Insulation Aged, Extent: Moderate, A Location: Basement	rea Affected : 100%	1	
Thermoplastic Motor Controllers Locally Mounted	100%	2037 ** 2032 **	5	
Ground Grounding Devices Generic	100% 4+ \$3,800 Other Observation, Extent: Severe, A. Location: Basement Water Service Explanation: Ground Clamp Is Frag	rea Affected : 100%	5 \$100	
Lighting Interior Lighting Fluorescent	80% Motion Sensors in Use, Extent : Light, Location : 1st And 2nd Floors T-8 Lamps And Fixtures, Extent : Ligh Location : Throughout		10 \$4,500	
Fluorescent	10% 0-2 \$1,700 T-8 Lamps And Fixtures, Extent : Light Location : 2nd Floor			
Incandescent	10% Other Observation, Extent: Light, Are Location: T. V. And Dining Room A Explanation: Downlights	==	2	
Exterior Lighting HID	100% Other Observation, Extent : Light, Are Location : Facade And Side Yard Explanation : Wall Mounted, Contro		10	

Alarm

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13085

Electrical		Current Repair	Futu	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
Generic, Analog	100%	0-2 \$3,200	2027	\$63,200	1-3	\$3,400	
	Devices Mis	sing, Extent : Moderate, A	rea Affect	ed : 50%			
	Location:	2nd Floor Locker Room					
	Local/Batter	ry Operated Detect, Extent	: Light, A	rea Affected : 1009	%		
	Location :	Throughout	5 .				

Mechanical		Current F	Repair	Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	10%			2032	* *	1	\$300	
	Other Obse	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Basemen	t Rear					
	Explanati	ion : Serve	s Members Room					
Steam Boiler	90%	2-4	\$700	2025	\$33,300	1	\$4,900	
	Other Obse	ervation, E	xtent : Severe, Are	a Affecte	d: 5%			
	Location	: Basemen	t					
	Explanati	ion : 3rd B	oiler Removed. Tw	o Remai	ning In Bad Condi	tion		
Distribution								
Hot Wtr Piping/Pump	10%			2035	* *	4		
Central Plant Steam	90%			2037	* *	4	\$300	
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%			2032	* *	1	\$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2032	* *			
Window/Wall Unit	80%			2022	\$9,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$700	
No Component	80%							
Exhaust Fans								
Interior	20%			2032	* *	2		
Wall Unit	20%	Now		2027	\$400	2		
	Other Obse	ervation, E	xtent : Moderate, A	Area Affe	ected : 20%			
	Location	: 2nd Floo	r					
	Explanati	ion : Cover	r And Exterior Gri	ll Missin	g			
No Component	60%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13085

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2025	\$3,500	2	\$100	
	Other Observation, Extent:	Light, Area Affected : 10	00%			
	Location: Basement					
	Explanation: 1 - 75 Gallor	ı Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	50%	2021	\$100	4	\$100	
Submersible	50%	2019	\$100	4	\$100	
	Other Observation, Extent:	Light, Area Affected : 10	00%			
	Location: Basement					
	Explanation: Units In 3 La	ocations - 1 Older				
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
	Other Observation, Extent:	Light, Area Affected : 10	00%			
	Location : Kitchen					
	Explanation: Serves Cook	ing Area				
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 278

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 156

Address : 412 BROADWAY NEAR DELAFIELD AVE.

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 4,354 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 217 Lot : 50 BIN : 5005815

CAPITAL

Total

Importance Code

Total

Total	\$91,500	\$900	\$1,500	\$15,300
Importance Code C			\$300	
Importance Code B	\$42,500	\$500	\$900	\$4,800
Importance Code A	\$49,000	\$500	\$400	\$10,600
Total	\$91,500	\$900	\$1,500	\$15,300
Site Enclosure	\$400			
Mechanical	\$26,000	\$600	\$800	\$700
Electrical	\$9,400	\$300	\$300	\$4,500
Interior Architecture	\$7,100		\$400	
Exterior Architecture	\$48,600			\$10,100
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 156

Asset #: 13086

rchitecture	Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls	000/ N	¢20.700	LIEE	* *	-	¢10 100	
Masonry: Brick	80% Now Cracking/Crumbling, Location: Through Misaligned/Bulging,	out		ed : 10%	5	\$19,100	
	Location: Through		Area Ajj	eciea : 10%			
Masonry: Limestone	10% 0-2 Cracking/Crumbling, Location: Through	_	LIFE ea Affecte	* * ed : 10%	5	\$1,800	
Wood Overhead Doors	10%		2032	* *	5	\$11,900	
Windows							
Aluminum	100%		2043	* *	5	\$1,000	
Parapets Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, Location: Through		LIFE ea Affecte	* * ed : 10%	5	\$1,400	
Masonry: Brick	85% 0-2	\$4,300	LIFE	* *	5	\$1,500	
nasony. Briek	Cracking/Crumbling, Location: Through	Extent : Light, Are		ed : 10%	J	Ψ1,500	
Masonry: Limestone	5% 0-2 Caulking Deteriorated Location: Through	_	LIFE Area Affec	* * cted : 10%	5	\$100	
Roof	Locuion : Inrough)ui					
Asphalt Shingle	5%		2030	* *	10		
Modified Bitumen	90%		2032	* *	10	\$4,200	
Skylight, Metal/Glass	5%		2037	* *	10	\$800	
	Not Insulated, Extent Location : Skylight			9%			
erior							
Floors Cast in Place Concrete	45% Now	\$3,500	LIFE	* *	5	\$7,300	
Cast III I face Concrete	Water Penetration, E. Location: Basemen	xtent : Moderate, A		cted : 25%	3	\$7,300	
Ceramic Tile	5%		2036	* *	5	\$400	
Wood	50%		2042	* *	5	\$6,900	
	Broken/Missing Elem Location: Wooden						
	Loose/Miss Fasteners Location : Stair Rai	, Extent : Severe, A					
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$500	
Gypsum Board	60%		LIFE	* *	5	\$3,700	
Masonry: Brick	25%		LIFE	* *	_		
Plaster	10%		LIFE	* *	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 156

Asset #: 13086

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	0-2	\$200	2040	* *	5	\$200	
	_	Crumbling, : Through	Extent : Light, Are	ea Affecte	ed : 5%			
Embossed Metal	70%			LIFE	* *	5	\$2,300	
Exposed Struc: Steel	25%			LIFE	* *		·	
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	\$400	2047	* *			
	Cracking/0	Crumbling,	Extent: Moderate	, Area Aj	ffected : 10%			
	Location	: Rear Yar	d Walls Have Seve	ral Crac	rks			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
Activity Yard								
Cast in Place Concrete	100%			2032	* *			

Electrical	Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2047	* *	5		
	Other Observation, Exte Location : Basement	ent : Moderate, 1	Area Affe	cted : 100%			
	Explanation: One 400	Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2047	* *	5	\$100	
Raceway							
Conduit	100% 4+	\$1,600	2037	* *	1		
	Corroded, Extent: Mod	erate, Area Affe	cted : 5%	ó			
	Location: Basement I	ncoming Condu	its And Si	upports			
Panelboards							
Molded Case Bkrs	100% 2-4	\$1,900	2035	* *	5	\$100	
	Other Observation, Exte	ent : Moderate, A	Area Affe	cted : 5%			
	Location: Bunk Room						
	Explanation: Circuit	Breakers Servin	g Aircond	litioners Trip			
Wiring							
Thermoplastic	100%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2044	* *	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 156

Asset #: 13086

Electrical	C	Current Repa	ir	Futur	e Replacement	N	laintenance	
System Component Type	,,,,,	ail Date Est Years)	imated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2032	* :	* 10	\$3,600	
			Extent : Light,	Area Afj	fected : 100%			
	Location : '	Throughout						
Incandescent	10%	4+	\$1,400	2027	\$2,800) 2		
	Obsolete Fix	tures, Extent	: Light, Area	Affected .	: 10%			
	Location:	Under Canop	y 3rd Floor G	Symnasiu	m			
Egress Lighting								
Emergency, Battery	50%			2032	* :	* 10	\$500	
Exit, Service	50%			2032	* :	* 1		
Exterior Lighting								
HID	100%			2035	* :	* 10		
Alarm								
Security System								
No Component	95%							
Generic	5%			2027	\$700) 1	\$100	
	Other Observ	vation, Extent	: Light, Area	Affected	! : 100%			
	Location:	1st Floor						
	Explanation	n : Cameras (Observed					
Fire/Smoke Detection								
Generic, Analog	100%	Now	\$4,500	2037	* :	* 1-3	\$2,400	
	Devices Miss	sing, Extent:	Moderate, Ar	ea Affect	ed : 50%			
	Location:	1st And 2nd F	loors					
	Local/Battery Operated Detect, Extent : Light, Area Affected : 100%							
	Location:	1st And 2nd F	Floors					

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Electricity	10%	2047	* *	1		
	Other Observation, Extent:	Light, Area Affected	: 10%			
	Location: 3rd Floor					
	Explanation: Front Loung	ge And Weight Room				
Natural Gas	90% 2-4	\$400 2057	* *	1		
	Other Observation, Extent:	Moderate, Area Affe	cted : 100%			
	Location : Cellar					
	Explanation: Ground Wat	ter In Basement Is Co	erroding Piping			
Conversion Equipment						
Radiant Heater	10%	2032	* *	2	\$200	
Steam Boiler	90%	2040	* *	1	\$3,900	
	Other Observation, Extent:	Light, Area Affected	: 90%			
	Location: Basement					
	Explanation: 1 Gas Fired	Steam Boiler				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 156

Asset #: 13086

Mechanical		Current l	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution Central Plant Steam	70%			2037	* *	4	\$200	
Piping/Pmp Central Plant Steam Piping/Pmp	30%	Now	\$20,700	2057	* *	4	\$100	
r iping/r inp	Broken, E.	xtent : Seve	ere, Area Affected :	50%				
	Location	: Basemen	ıt					
	Leak Evid	ent, Extent	: Severe, Area Affe	ected : 50	0%			
	Location	: Basemer	ıt —					
	Location	: Basemer						
	Explana	ion : Stean	n Return Cracked A	And Leak	king			
Terminal Devices	1000/			2022	* *		01.100	
Convector/Radiator	100%			2032	* *	1	\$1,400	
Air Conditioning								
Energy Source	1000/			2042	* *	1		
Electricity	100%			2043		1		
Conversion Equipment	500/			2025	\$4.200	1		
Window/Wall Unit Window/Wall Unit	50% 50%	0-2	\$4,200	2025 2027	\$4,200 \$4,200	1		
window/wan Onit			\$4,200 nt : Moderate, Are		\$4,200	1		
	-	_			.a . 10070 nd Electrical Defec	rte		
Ventilation	Locuiton	· Imougn	out, various meen		na Breen tear Bejee			
Exhaust Fans								
Interior	50%			2032	* *	2	\$100	
Roof	50%			2032	* *	2	\$100	
Plumbing							\$100	
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
11	No Water	Meter, Ext	ent : Light, Area Aj	fected :	100%			
	Location	: Basemen	nt					
Water Heater								
Gas Fired	100%			2025	\$2,500	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
	-		nt, Extent : Light, A	rea Affe	cted : 100%			
	Location	: Basemer	nt					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2021	\$100	4	\$100	
Backflow Preventer								
No Component	80%							
Generic	20%	_		2032	**	1	\$100	
			Extent : Light, Area	Affected	t : 20%			
		: Basemer						
	Explana	ion : Boile	r Feed					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

ENGINE CO. 156

Asset #: 13086

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
	Other Observation, Extent : Light, Ar	ea Affected : 10%				
	Location: 3rd Floor					
	Explanation: Kitchen Hood					
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 157/LADDER CO. 80

Address : 1573 CASTLETON AVENUE BTWN FABER ST - PORT RICHMOND AV

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : FIRSECO.157 / 13087 Yr Built/Renovated : 1931 / 2003

Area Sq Ft : 6,296 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1080 Lot : 2 BIN : 5025442

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,800			\$1,800
Interior Architecture	\$24,700	\$400		\$400
Electrical	\$100		\$100	
Mechanical	\$1,800	\$1,100	\$900	\$11,100
Total	\$34,500	\$1,400	\$1,000	\$13,200
Importance Code A	\$8,400	\$600	\$600	\$2,400
Importance Code B	\$5,900	\$800	\$300	\$10,900
Importance Code C	\$20,200			
Total	\$34,500	\$1,400	\$1,000	\$13,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13087

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$19,400	
Masonry: Granite	5%			LIFE	* *	5	\$900	
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Metal Sect. OHD	5%			2037	* *	5	\$3,600	
Windows	4000/		*	• • • • •		_	4000	
Aluminum	100%	0-2	\$7,800	2040	**	5	\$900	
			ct, Extent : Modera					
	Location	: Apparati	us Floor And Capto	un Office	<u>e</u>			
Parapets	100/			LIDE	* *	-	0700	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$700	
Masonry: Brick	90%			LIFE	* *	5	\$800	
Roof	200/			2022	* *	1.0	#200	
Asphalt Shingle	20%			2033		10	\$300	
Roll Roofing	80%			2023	\$30,000	5	\$12,200	
Interior								
Floors	600/			LIEE	* *	_	¢12 400	
Cast in Place Concrete	60% 5%			LIFE 2033	* *	5	\$12,400	
Ceramic Tile	5% 5%			2033	* *	5	\$500 \$700	
Quarry Tile	30%			2029	* *	5 3	\$1,100	
Vinyl Tile Interior Walls	3070			2029		3	\$1,100	
Masonry: Brick	400%	Now	\$20,200	LIFE	* *			
Masonry. Brick			\$20,200 xtent : Moderate, A		ected · 10%			
			t Gymnasium	1164 11996	ciea . 1070			
District		. Busemen	i Gymnasiam	LIEE	* *	-	\$900	
Plaster	20%			LIFE	* *	5	\$800	
SGFT/Glazed Masonry	40%			LIFE				
Ceilings	30%	0-2	\$4,600	2037	* *	5	¢1 400	
AcousTileSusp.Lay-In			\$4,000 ents, Extent : Mod			3	\$1,400	
		: Second I		егиге, Аг	eu Ajjecieu . 2070			
			Extent : Moderate	AreaA	ffected : 15%			
	_	_	Second Floor	, Агеи А	jjeciea . 1570			
F 10 .		. Itticitcii,	Second 1 tool	LIEE	* *		Φ500	
Exposed Concrete	35%			LIFE	* *	5	\$500	
Exposed Struc: Steel	35%			LIFE	* *			
Site Enclosure								
Fence/Gates	1000/			2044	* *			
Chain link	100%			2044				
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
	100%			2037				
Parking/Driveway Cast in Place Concrete	100%			2027	* *			
Casi iii Piace Concrete	100%			2037				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13087

Electrical		Current Repair	Futur	e Replacement	М		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	**	5		
		rvation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location:						
~	Explanatio	on: One 200 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	1000/		2011	* *	-	Φ200	
Molded Case Bkrs	100%		2044	~ ~	5	\$200	
Raceway	000/		2024	* *	1		
Conduit	90%		2034	* *	1		
Conduit Panelboards	10%		2050		1		
Fused Disc Sw	5%		2032	* *	5		
Molded Case Bkrs	3% 95%		2032	* *	5	\$200	
Wiring Wiring	9370		2040		3	\$200	
Thermoplastic	80%		2034	* *	1		
Thermoplastic	20%		2054	* *	1		
Motor Controllers	2070		2030		1		
Locally Mounted	100%		2029	* *	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	100%		2024	\$17,100	10	\$5,800	
		rvation, Extent : Moderate, A	Area Affe	ected : 100%			
		Throughout The Building					
	Explanatio	on : T-8 Lamps					
Egress Lighting	- 0.6 :		• • • •			40.55	
Emergency, Battery	50%		2024	\$4,200	10	\$800	
Exit, Service	50%		2024	\$300	1		
Exterior Lighting	10067		2021	#22 5 00	10		
HID	100%		2024	\$23,700	10		

Mechanical	Current Rep	air Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2050	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13087

Mechanical	Current Repair	Futur	e Replacement	M					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Conversion Equipment	50/	2024	#700	1	#200				
Furnace	5%	2024	\$700	1	\$200				
	Other Observation, Extent : Light, Area Location : First Floor	Ајјестеа	1. 100%						
	Explanation: 2 Units								
Steam Boiler	95%	2037	* *	1	\$5,900				
Steam Boner	Other Observation, Extent : Moderate, A		ected · 100%	1	\$3,900				
	Location: Basement	17 0 11 11 11 1							
	Explanation: One Unit								
Distribution	•								
Central Plant Steam	100%	2044	* *	4	\$500				
Piping/Pmp									
Terminal Devices									
Convector/Radiator	100%	2029	* *	1	\$2,000				
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%						
	Location: Throughout								
A in Grantial and a	Explanation: Cast Iron Radiators Wit	h One Pi	pe System						
Air Conditioning Energy Source									
Electricity	100%	2040	* *	1					
Conversion Equipment	10070	2010		-					
Window/Wall Unit	50%	2022	\$6,100	1					
No Component	50%								
Ventilation									
Exhaust Fans									
Interior	30%	2029	* *	2	\$100				
Roof	60%	2024	\$5,900	2	\$100				
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Roof								
N. C.	Explanation: No Access								
No Component	10%								
Plumbing H/C Water Piping									
Brass/Copper	100%	2044	* *	1					
Water Heater	10070	2017		1					
Gas Fired	100%	2022	\$3,600	2	\$100				
	Other Observation, Extent : Moderate, A			-	4-30				
	Location: Basement Mechanical								
	Explanation: 2 Units - 74 Gal/hr Cap	acity							
Sanitary Piping									
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping	1000/ 31	LIDE	ale de						
Cast Iron	100% Now \$600	LIFE	**	1					
	Other Observation, Extent: Moderate, Location: Basement	area Affe	eciea : 50%						
	Explanation: Backs Up With Heavy R	ain.							
	Explanation . Backs Up with Heavy R	um							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13087

Mechanical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	10%	2022	\$200	1-3	\$500	
	Other Observation, Extent: Light, Area Affected: 100%					
	Location: Kitchen					
	Explanation: Ansul-102					
No Component	80%					
Generic	10%	2022	\$200	1-3	\$400	
	Other Observation, Extent : Light, Area Affected : 100%					
	Location : Throughout					
	Explanation: Fire Extinguishers	7				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 158
Address : 65 HARBOR RD

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.158 / 13088 Yr Built/Renovated : 1931 /

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 09-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1227 Lot : 25 BIN : 5027755

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$40,300
Mechanical		\$44,200
Total		\$84,500
Importance Code A		\$84,500
Total		\$84,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,400	\$3,800		\$4,300
Interior Architecture	\$19,500	\$2,100		\$24,100
Electrical	\$300	\$200	\$200	\$3,000
Mechanical	\$1,300	\$700	\$500	\$10,700
Site Pavements	\$800			
Total	\$24,300	\$6,800	\$700	\$42,100
Importance Code A	\$2,700	\$4,100	\$300	\$4,600
Importance Code B	\$5,800	\$2,100	\$400	\$37,500
Importance Code C	\$15,800	\$600		
Total	\$24,300	\$6,800	\$700	\$42,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 158

Asset #: 13088

Architecture		Current R	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2047	* *	10	\$300	
Masonry: Brick	80%			LIFE	**	5	\$17,300	
	-	air Eviden : Througho	t, Extent : Light, A out	rea Affe	cted : 20%			
Masonry: Granite	5%			LIFE	* *	5	\$800	
Masonry: Limestone	5%	4+	\$2,400	LIFE	* *	5	\$800	
		Miss/Erod : Front Fa	l, Extent : Moderai cade	e, Area A	Affected : 10%			
Wood Overhead Doors	5%			2025	\$34,100	5	\$5,400	
Windows								
Aluminum	100%			2035	* *	5	\$1,700	
Parapets								
Metal Panel	85%			2047	* *	5	\$7,300	
Metal Panel	15%			2037	* *	5	\$1,300	
		ervation, E. : At Parap	xtent : Light, Area et	Affected	: 100%			
	Explanati	on : Metal	Coping					
Roof								
Asphalt Shingle	15%			2030	* *	10	\$200	
Modified Bitumen	83%			2027	\$40,300	10	\$6,900	
	_	lace Evide : Througho	nt, Extent : Light, out	Area Aff	ected : 100%			
Skylight, Metal/Glass	2%			2037	* *	10	\$600	
, 5 ,	Gut/DS No	n Func/Mi.	ss, Extent : Light, A	Area Affe	ected : 100%			
	Location	: Missing I	Leader And Splash	Block A	t Skylight			
nterior Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$10,200	
Ceramic Tile	10%			2040	* *	5	\$900	
			xtent : Light, Area out Bathrooms	Affected	: 100%			
Vinyl Tile	30%			2022	\$23,700	3	\$1,400	
Wood	10%			2055	**	5	\$1,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 158

Asset #: 13088

Architecture		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls	200/	3.7	#14.000	TIPE	* *			
Cast in Place Concrete		Now	\$14,900	LIFE	* *			
	-	_	ht, Area Affected : t At Front Of Build					
			t At Front Of Build xtent : Moderate, A	_	ected · 10%			
			t At Front Of Build		.c.ca . 1070			
Ceramic Tile	10%			2040	* *	5	\$1,200	
Ceranne The		nstruction,	Extent : Light, Are		ed : 100%	3	Ψ1,200	
			out Bathrooms	33				
Gypsum Board	5%			LIFE	* *	5	\$400	
Plaster	30%			LIFE	* *	5	\$1,100	
Plywood/Hardboard	5%			LIFE	* *		·	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2025	\$3,500	5	\$400	
Exposed Concrete	30%		\$4,200	LIFE	**	5	\$400	
	-	-	nt, Extent : Moder Building In Basen		a Affected : 10%			
			ere, Area Affected					
			riveway Apron In I					
			xtent : Moderate, A		ected : 15%			
		: Front Of	Building In Basen					
Plaster	65%			LIFE	* *	5	\$3,500	
			t, Extent : Light, A	rea Affe	cted : 100%			
G'. E. 1	Location	: Through	Out					
Site Enclosure Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements	10070			2031				
Parking/Driveway								
Cast in Place Concrete	100%	4+	\$800	2032	* *			
	_	_	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Front Of	Building At Entry					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts	•			
Service Equipment				
Fused Disc Sw	100%	2053 **	* 5	
	Recent Replace Evident, Extent: Light,	Area Affected : 100%		
	Location: Basement			
Raceway				
Conduit	75%	2027 \$23,500) 1	
Conduit	25%	2053 **	* 1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13088

Electrical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimated Control (Years)	ost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Panelboards						
Molded Case Bkrs	100%	2049	* *	5	\$200	
Wiring						
Thermoplastic	100%	2053	* *	1		
Motor Controllers						
Locally Mounted	100%	2044	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
stand-by Power						
Transfer Switches						
Automatic	100%	2044	* *	1	\$1,900	
Lighting						
Interior Lighting						
Fluorescent	50%	2032	* *	10	\$2,800	
	T-8 Lamps And Fixtures, Extent : La Location : Throughout	ight, Area Affecte	ed : 100%			
	Other Observation, Extent: Severe, Location: Throughout	Area Affected:	100%			
	Explanation: Burnt Out					
Incandescent	5%	2027	\$2,000	2		
	Other Observation, Extent : Light, A	Area Affected : 10				
	Location : Dining Room	00				
	Explanation : Downlights					
LED	45%	2035	* *			
Egress Lighting	1070	2033				
Exit, LED	100%	2062	* *	1		
Exterior Lighting						
HID	50%	2027	\$11,600	10		
HID	50%	2032	**	10		

Mechanical	Current Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100% 0-2	\$100	2047	* *	1		
	Corroded, Extent : Light,	Area Affected : 2	20%				
	Location: Basement						
Conversion Equipment							
Hot Water Boiler	100%		2025	\$44,200	1	\$3,000	
	Other Observation, Exten	t : Light, Area A	ffected	: 100%			
	Location: Basement						
	Explanation: 2 Boilers						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 158

Asset #: 13088

Mechanical		Current Repair	Future R	eplacement	M	aintenance	
system Component Type	% of Total	Fail Date Estimate (Years)	d Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Distribution Hot Wtr Piping/Pump		ted, Extent : Light, A	2035 rea Affected : 60%	* *	4	\$500	
		: Basement	1 1 1 1 1	00/			
		servation, Extent : Lig	ht, Area Affected : 10	0%			
		a : Basement tion : Dissimilar Mot	ala With No Dannian				
Terminal Devices	Ехріапа	tion : Dissimilar Meta	us wun no barrier				
Convector/Radiator	95%		2032	* *	1	\$1,900	
Unit Heater - Steam	5%		2027	\$1,000	4	Ψ1,500	
ir Conditioning				4-,000			
Energy Source Electricity	100%		2043	* *	1		
Conversion Equipment Window/Wall Unit	80%		2022	\$9,600	1		
No Component	20%						
entilation Exhaust Fans							
Exhaust Fans Roof	70%		2035	* *	2	\$100	
Rooi		stallation, Extent : Lig		00%	2	\$100	
Wall Unit	30%		2022	\$600	2	\$100	
lumbing							
H/C Water Piping Brass/Copper		uted, Extent : Light, A. a : Basement	2047 rea Affected : 60%	**	1		
Under Construction	40%						
HW Heat Exchanger Steam Fired	100% Other Obs		2047 ht, Area Affected : 10	**	4	\$900	
	Explana	tion : 75 Gallon Indir	ect Water Heater				
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	= = = -		• • • •				
Submersible	50%		2020 2019	\$100	4	\$100	
Submersible		servation, Extent : Lig a : Basement		\$100	4	\$100	
	Explana	tion : Units In 2 Loca	tions / 1 Older				
Backflow Preventer							
No Component	95%						
Generic	5%		2032	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 158

Asset #: 13088

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing		_				
Fixtures						
Generic	100%					
	Not in Service, Extent : Moderate, Are	ea Affected : 80%				
	Location: 2nd Floor Bathrooms					
	Other Observation, Extent : Moderate	e, Area Affected : 80	0%			
	Location: 2nd Floor					
	Explanation: Under Construction					
Fire Suppression						
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	

90%

No Component

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 159

Address : 1592 RICHMOND ROAD

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.159 / 13089 Yr Built/Renovated : 1930 /

Area Sq Ft : 6,220 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3306 Lot : 8 BIN : 5048682

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$80,400
Interior Architecture	\$49,100	
Total	\$49,100	\$80,400
Importance Code A		\$80,400
Importance Code B	\$49,100	
Total	\$49,100	\$80,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,300		\$4,000	
Interior Architecture	\$68,500		\$800	\$700
Electrical	\$1,900		\$100	
Mechanical	\$5,400	\$900	\$8,300	\$4,400
Total	\$85,000	\$900	\$13,100	\$5,200
Importance Code A	\$10,100	\$600	\$4,600	\$600
Importance Code B	\$65,400	\$300	\$8,500	\$4,200
Importance Code C	\$9,400			\$300
Total	\$85,000	\$900	\$13,100	\$5,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13089

chitecture		Current F	Repair	Futur	re Replacement	M	aintenance	
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$19,300	
Masonry: Granite	3%			LIFE	* *	5	\$600	
Masonry: Limestone	7%			LIFE	* *	5	\$1,300	
Metal Sect. OHD	10%			2036	* *	5	\$8,000	
Stucco Cement	5%	0-2	\$3,700	2028	\$37,100	5	\$1,600	
	Diagonal	Cracks, Ex	tent : Moderate, Ar	ea Affec	ted : 100%			
	Location	: Recently	Repaired Diagona	l Cracks	At The Hose Towe	er Are De	eteriorating	
Windows								
Aluminum	100%			2039	* *	5	\$2,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$2,400	
Metal Panel	5%			2033	* *	5	\$500	
Roof								
Built-Up (BUR)	100%	0-2	\$4,300	2028	\$43,200			
• • • •	Air/Water	Blisters, E.	xtent : Moderate, A	rea Affe	cted : 90%			
	Location	: Corners	At Street Side					
	Patching I	Evident, Ex	tent : Moderate, Ai	ea Affec	ted : 10%			
	Location	: Various	Locations					
rior								
Floors								
Cast in Place Concrete	50%	0-2	\$26,400	LIFE	* *	5	\$11,100	
			\$26,400 Extent : Severe, Are			5	\$11,100	
	Other Obs		xtent : Severe, Are			5	\$11,100	
	Other Obs Location	ervation, E 1 : Apparati	extent : Severe, Are us	a Affecte				
Cast in Place Concrete	Other Obs Location	servation, E n : Apparati tion : Struc	extent : Severe, Are us	a Affecte	ed : 100%		lumns And Beams	
Cast in Place Concrete Quarry Tile	Other Obs Location Explana 10%	servation, E n : Apparati tion : Struc	extent : Severe, Are us	a Affecte Tempor 2036	ed : 100% carily Shored With	Steel Col	dumns And Beams \$1,500	
Cast in Place Concrete Quarry Tile Terrazzo	Other Obs Location Explana	servation, E : Apparati tion : Struc	xtent : Severe, Are us turally Insufficient	a Affecte Tempor	ed: 100% ** ** **	Steel Col	Sumns And Beams \$1,500 \$800	
Cast in Place Concrete Quarry Tile	Other Obs Location Explana 10% 10% 30%	servation, E : Apparati tion : Struc 0-2	extent : Severe, Are us	a Affecte Tempor 2036 LIFE 2023	ed: 100% ** ** ** \$25,900	Steel Col	dumns And Beams \$1,500	
Cast in Place Concrete Quarry Tile Terrazzo	Other Obs Location Explana 10% 10% 30% Worn/Ero	ervation, E : Apparati tion : Struc 0-2 ded, Extent	xtent : Severe, Are us turally Insufficient, \$7,800	Tempor 2036 LIFE 2023 Affected	ed: 100% ** ** ** \$25,900 : 100%	Steel Col	Sumns And Beams \$1,500 \$800	
Cast in Place Concrete Quarry Tile Terrazzo Vinyl Tile	Other Obs Location Explana 10% 10% 30% Worn/Ero	ervation, E : Apparati tion : Struc 0-2 ded, Extent	xtent : Severe, Are us turally Insufficient, \$7,800 : Moderate, Area	Tempor 2036 LIFE 2023 Affected	ed: 100% ** ** ** \$25,900 : 100%	Steel Col	Sumns And Beams \$1,500 \$800	
Cast in Place Concrete Quarry Tile Terrazzo Vinyl Tile Interior Walls	Other Obs Location Explana 10% 10% 30% Worn/Eroc Location	ervation, E : Apparati tion : Struc 0-2 ded, Extent	xtent : Severe, Are us turally Insufficient, \$7,800 : Moderate, Area	Tempor 2036 LIFE 2023 Affected rout The	ed: 100% ** ** ** \$25,900 : 100%	5 5 3	\$1,500 \$800 \$1,100	
Cast in Place Concrete Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile	Other Obs Location Explana 10% 10% 30% Worn/Ero Location	ervation, E a : Apparati tion : Struc 0-2 ded, Extent a : Multiple	xtent : Severe, Are us turally Insufficient, \$7,800 : Moderate, Area	Tempor 2036 LIFE 2023 Affected hout The	ed: 100% ** ** \$25,900 : 100% 2nd Floor	Steel Col. 5 5 5 3	\$1,500 \$800 \$1,100	
Cast in Place Concrete Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board	Other Obs Location Explana 10% 30% Worn/Ero Location 4% 5%	ervation, E : Apparati tion : Struc 0-2 ded, Extent : Multiple	xtent : Severe, Are us turally Insufficient, \$7,800 : Moderate, Area	Tempor 2036 LIFE 2023 Affected rout The 2032 LIFE	ed: 100% ** ** \$25,900 : 100% 2nd Floor **	5 5 3	\$1,500 \$800 \$1,100	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30%	ervation, E 2 : Apparati tion : Struc 0-2 ded, Extent 2 : Multiple	xtent : Severe, Are us turally Insufficient, \$7,800 : Moderate, Area	Tempor 2036 LIFE 2023 Affected rout The 2032 LIFE LIFE	ed: 100% rarily Shored With ** *25,900 : 100% 2nd Floor **	Steel Col. 5 5 5 3	\$1,500 \$800 \$1,100	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30% 6%	ervation, E a : Apparati tion : Struc 0-2 ded, Extent a : Multiple	extent: Severe, Are us turally Insufficient, \$7,800 : Moderate, Area Locations Through	Tempor 2036 LIFE 2023 Affected tout The 2032 LIFE LIFE LIFE LIFE	ed: 100% ** ** ** \$25,900 : 100% 2nd Floor ** **	Steel Col 5 5 5 3 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick	Other Obs Location Explana 10% 10% 30% Worn/Eros Location 4% 5% 30% 6% 25%	ervation, E 2: Apparati tion: Struc 0-2 ded, Extent 2: Multiple	Extent: Severe, Are us turally Insufficient, \$7,800 : Moderate, Area Locations Through	Tempor 2036 LIFE 2023 Affected fout The 2032 LIFE LIFE LIFE LIFE	ed: 100% rarily Shored With ** \$25,900 : 100% 2nd Floor ** ** **	Steel Col. 5 5 5 3	\$1,500 \$800 \$1,100	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 30% Worn/Eros Location 4% 5% 30% 6% 25% Diagonal	ervation, E : Apparati tion : Struc 0-2 ded, Extent : Multiple Now Cracks, Ext	stent: Severe, Are us turally Insufficient, \$7,800 : Moderate, Area Locations Through \$9,400 tent: Moderate, Ai	Tempor 2036 LIFE 2023 Affected fout The 2032 LIFE LIFE LIFE LIFE	ed: 100% rarily Shored With ** \$25,900 : 100% 2nd Floor ** ** **	Steel Col 5 5 5 3 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 30% Worn/Eros Location 4% 5% 30% 6% 25% Diagonal Location	ervation, E : Apparati tion : Struc 0-2 ded, Extent : Multiple Now Cracks, Ext : Through	stent: Severe, Are us turally Insufficient, \$7,800 : Moderate, Area Locations Through \$9,400 tent: Moderate, Ar out The 2nd Floor	Tempor 2036 LIFE 2023 Affected frout The 2032 LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	ed: 100% rarily Shored With ** \$25,900 : 100% 2nd Floor ** ** ** *ted: 10%	Steel Col 5 5 5 3 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 30% Worn/Ero Location 4% 5% 30% 6% 25% Diagonal Location Paint Peer	Now Cracks, Ext Through Ting, Extent	stent: Severe, Are us turally Insufficient, \$7,800 : Moderate, Area Locations Through tent: Moderate, Ar out The 2nd Floor : Moderate, Area : Moderate, Area	Tempor 2036 LIFE 2023 Affected rout The 2032 LIFE LIFE LIFE LIFE LIFE LIFE Affected	ed: 100% rarily Shored With ** \$25,900 : 100% 2nd Floor ** ** ** *ted: 10%	Steel Col 5 5 5 3 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30% 6% 25% Diagonal Location Paint Peed Location	Now Cracks, Extent Through Ting, Extent	\$7,800 The Moderate, Area of the State of t	Tempor 2036 LIFE 2023 Affected frout The 2032 LIFE LIFE LIFE LIFE LIFE Affected fr	ed: 100% ** ** ** \$25,900 : 100% 2nd Floor ** ** ** ** ** ** ** ** ** ** ** ** *	Steel Col 5 5 5 3 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30% 6% 25% Diagonal Location Paint Peed Location Water Per	ervation, E 2: Apparati tion: Struc 0-2 ded, Extent 2: Multiple Now Cracks, Ext 2: Through ling, Extent 2: Cellar St acterition, E	\$7,800 \$7,800 Moderate, Area Locations Through \$9,400 tent: Moderate, Area Locations Through	Tempor 2036 LIFE 2023 Affected frout The 2032 LIFE LIFE LIFE LIFE LIFE LIFE Crea Affected ft Area Affe	ed: 100% rarily Shored With ** \$25,900 : 100% 2nd Floor ** ** ** ** ted: 10% : 40%	5 5 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30% 6% 25% Diagonal Location Paint Peel Location Water Per	ervation, E : Apparati tion : Struc 0-2 ded, Extent : Multiple Now Cracks, Ext : Through ling, Extent t : Cellar St et : Multiple	\$7,800 \$7,800 Moderate, Area Locations Through \$9,400 tent: Moderate, Area Moderate, Area Moderate, Area Moderate, Area Moderate, Area Moderate, Area Locations Through	Tempor 2036 LIFE 2023 Affected from The 2032 LIFE LIFE LIFE LIFE LIFE LIFE Affected ft Area Affected from The	ed: 100% rarily Shored With ** ** \$25,900 : 100% 2nd Floor ** ** ** ** ** ted: 10% : 40% ccted: 50% 2nd Floor And Sta	5 5 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30% 6% 25% Diagonal Location Paint Peel Location Water Per Location Other Obs	ervation, E : Apparati tion: Struc 0-2 ded, Extent : Multiple Now Cracks, Ext : Through ling, Extent t: Cellar St tet at the control of t	\$7,800 \$7,800 \$7,800 Moderate, Area Locations Through tent: Moderate, Area Moderate, Area Moderate, Area Moderate, Area Moderate, Area And Hose Sha Matent: Moderate, A Locations Through	Tempor 2036 LIFE 2023 Affected from The 2032 LIFE LIFE LIFE LIFE LIFE LIFE Affected ft Area Affected from The	ed: 100% rarily Shored With ** ** \$25,900 : 100% 2nd Floor ** ** ** ** ** ted: 10% : 40% ccted: 50% 2nd Floor And Sta	5 5 3 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	
Quarry Tile Terrazzo Vinyl Tile Interior Walls Ceramic Tile Gypsum Board Masonry: Brick Marble Panels	Other Obs Location Explana 10% 10% 30% Worn/Ero Location 4% 5% 30% 6% 25% Diagonal Location Paint Peel Location Water Per Location Other Obs	ervation, E : Apparati tion: Struc 0-2 ded, Extent : Multiple Now Cracks, Ext : Through ling, Extent : Cellar St tetration, E tetration, E tervation, E tervation, E tervation, E	\$7,800 \$7,800 \$7,800 \$Moderate, Area Locations Through tent: Moderate, Ar out The 2nd Floor Moderate, Area fairs And Hose Sha extent: Moderate, A Locations Through	Tempor 2036 LIFE 2023 Affected frout The 2032 LIFE LIFE LIFE LIFE LIFE Affected ft Area Affe frout The	ed: 100% rarily Shored With ** ** \$25,900 : 100% 2nd Floor ** ** ** ** ** ted: 10% : 40% ccted: 50% 2nd Floor And Sta	5 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$1,500 \$800 \$1,100 \$600 \$500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 159

Asset #: 13089

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$800	2028	\$8,200	5	\$500	
	Water Pen	etration, E.	xtent : Light, Area	Affected	: 100%			
	Location	: Kitchen/	Dining Room And	At 2nd F	Floor Steam Pipe P	enetratio	on	
Exposed Concrete	30%	Now	\$49,100	LIFE	* *	5	\$500	
	Other Obs	ervation, E	xtent : Severe, Are	a Affecte	d: 100%			
	Location	: Cellar C	eiling/ Apparatus					
	Explanat	ion : Struc	turally Insufficient,	Tempor	arily Shored With	Steel Col	lumns And Beams	
Plaster	60%	0-2	\$24,000	LIFE	* *	5	\$3,800	
	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 30%			
	Location	: Cellar St	airs And 2nd Floor	r Stairs				
	Water Pen	etration, E.	xtent : Moderate, A	Area Affe	cted : 70%			
	Location	: Various	Locations On The	2nd Floo	r Ceiling			

Electrical	Current Repair	Future R	eplacement	M	aintenance					
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts										
Service Equipment										
Molded Case Bkrs	100% 0-2	\$200 2043	* *	5	\$100					
	3	On Extended Life, Extent : Severe, Area Affected : 10% Location : Basement - Telephone Service								
	Other Observation, Extent: Lig	ght, Area Affected : 10	00%							
	Location : Basement									
	Explanation: Rating Of Mair	ı Switch Not Visible								
Raceway										
Conduit	100%	2033	* *	1						
Panelboards										
Molded Case Bkrs	95%	2031	* *	5	\$200					
Molded Case Bkrs	5%	2045	* *	5						
Wiring										
Thermoplastic	100%	2033	* *	1						
Motor Controllers										
Locally Mounted	100%	2028	\$14,400	5						
•	Other Observation, Extent : Lig	ght, Area Affected : 10	00%							
	Location: 1st Floor									
	Explanation: Motorized Doo	r Operators								
Ground										
Grounding Devices										
Generic	100%	LIFE	* *	5	\$100					

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 159

Asset #: 13089

Electrical	Current Repair			e Replacement	Maintenance				
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting									
Interior Lighting									
Fluorescent	90%		2023	\$15,200	10	\$5,100			
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Throughout								
Incandescent	10%		2023	\$4,000	2				
	Obsolete Fixtures, Extent : Moderate, Area Affected : 100% Location : In Pole Area								
	Other Observation, Exte	ent : Light, Area	Affected	! : 100%					
	Location: Throughout	t							
	Explanation: In Pole	Areas Only							
Egress Lighting									
Emergency, Service	100%		2023	\$3,100	1				
Exterior Lighting									
HID	100%		2028	\$23,500	10				
	Other Observation, Exte	ent : Light, Area	Affected	! : 100%					
	Location : Entire Exte	rior							
	Explanation : Operate	d Via Switch							
Alarm									
Fire/Smoke Detection									
No Component	95%								
Generic	5% Now	\$1,600	2033	* *	1-3	\$200			
	Devices Missing, Extent: Severe, Area Affected: 100%								
	Location: Battery Ope	erated Smoke De	etectors 1	Are Missing Throug	ghout				

Mechanical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment Steam Boiler	100%	2040	* *	1	\$6,200	
Distribution	10070	2040		1	Ψ0,200	
Central Plant Steam Piping/Pmp	10%	2049	* *	4		
1 2 1	Other Observation, Extent : Light, Area	a Affected : 10	0%			
	Location : Cellar Mechanical Area					
	Explanation: Recently Installed With	New Boiler				
Central Plant Steam Piping/Pmp	90%	2033	* *	4	\$300	
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$2,000	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13089

Mechanical	Current	Repair	Future Replacement Maintenance		laintenance				
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Air Conditioning									
Conversion Equipment									
Window/Wall Unit	60%		2021	\$7,300	1				
No Component	40%								
Ventilation									
Exhaust Fans									
Interior	100%		2028	\$20,700	2	\$200			
Plumbing									
H/C Water Piping									
Brass/Copper	30%		2049	* *	1				
	Other Observation,	Extent : Light, Area	Affected	: 10%					
	Location : Cellar l	Mechanical Area							
	Explanation: Insta	alled With New Wat	er Heater						
Galvanized Steel	70%		2036	* *	1				
Water Heater									
Gas Fired	100%		2022	\$3,500	2	\$100			
	Other Observation,	Extent : Light, Area	Affected	: 10%					
	Location : Cellar l	Mechanical Area							
	Explanation: New	75 Gallon Hot Wa	ter Heater						
Sanitary Piping									
Cast Iron	90%		LIFE	* *	1				
Cast Iron	10% 0-2	\$4,300	LIFE	* *	1				
	Corroded, Extent: N	Corroded, Extent : Moderate, Area Affected : 10%							
	Location: Cellar								
Storm Drain Piping									
Cast Iron	100%		LIFE	* *	1				
Sump Pump(s)									
Submersible	100%		2019	\$200	4	\$200			
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
No Component	90%								
Generic	10%		2043	* *	1-2	\$200			
	Other Observation,	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Kitchen	_							
	Explanation : Ansi	ıl Over Range							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 16

Address : 234 EAST 29th STREET @ 2ND AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.016 / 13012 Yr Built/Renovated : 1968 /

Area Sq Ft : 6,676 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 909 Lot : 35 BIN : 1019903

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$60,800	
Electrical		\$83,400
Total	\$60,800	\$83,400
Importance Code A	\$60,800	
Importance Code B		\$83,400
Total	\$60,800	\$83,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,000	\$26,700		
Interior Architecture	\$8,400	\$800	\$800	\$500
Electrical	\$700		\$100	\$29,500
Mechanical	\$800	\$600	\$900	\$600
Total	\$21,900	\$28,100	\$1,800	\$30,600
Importance Code A	\$12,300	\$27,000	\$300	\$300
Importance Code B	\$9,600	\$1,100	\$900	\$30,300
Importance Code C			\$600	
Total	\$21,900	\$28,100	\$1,800	\$30,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13012

				A3361# . 13					
Type	Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
Exterior Exterior Exterior Walls Masonry: Brick 80% LIFE ** 5 \$14,500 Marble Panels 10% LIFE ** 5 \$1,400 Mod Overhead Doors 10% 2040 ** 5 \$5,000 Windows Aluminum 100% 2043 ** 5 \$5,000 Parapets Metal Rail 100% 2040 ** 5 \$500 Parapets Metal Rail 100% 2040 ** 5 \$500 Parapets Metal Rail 100% 80,800 2037 ** Windows Membrane GrovBilst Miss/Disp, Extent : Moderate, Area Affected : 30% Location : Main Roof Vegetation Growth, Extent : Severe, Area Affected : 100% Location : South East Worn/Eroded, Extent : Severe, Area Affected : 10% Location : Main Roof Location : Main Roof Modified Bitumen Mare Penetration Extent : Severe, Area Affected : 100% Location : Addition At Rear Of Building Explanation : Abandoned Roof Repairs Moderate, Area Affected : 100% Location : Addition At Rear Of Building Explanation : Abandoned Roof Repairs Moderate, Area Affected : 10% Location : Addition At Rear Of Building Explanation : Abandoned Roof Repairs Moderate, Area Affected : 10% Location : Apparatus Room Caramic Tile 5% 2040 ** 5 \$11,300 Location : Apparatus Room Caramic Tile 10% 2036 ** 5 \$500 Location : Throughout Location : Throughout Life, Area Affected : 20% Location : Throughout Life ** 5 \$500 Moderate Modera	-			Estimated Cost		Estimated Cost	-	Estimated Cost	Priority
Exterior Walls Masonry: Brick 80%							` ,		
Masonry: Brick									
Marble Panels 10%		900/			LIEE	* *	5	¢14.500	
Wood Overhead Doors 10% 2040 ** 5 \$9,000	•								
Windows Aluminum 100% 2043 ** 5 \$500								·	
Parapets		1070			2040			\$2,000	
Parapets Metal Rail 100% 2040 ** 5-10 \$36,600 Roof IRMA/Protected 65% Now \$60,800 2037 ** Membrane Grv/Blst Miss/Disp, Extent : Moderate, Area Affected : 30% Location : Main Roof Vegetation Growth, Extent : Severe, Area Affected : 100% Location : South East WordEroded, Extent : Severe, Area Affected : 10% Location : South East WordEroded, Extent : Severe, Area Affected : 75% Location : Main Roof About 100		100%			2043	* *	5	\$500	
Metal Rail 100% 2040 ** * 5-10 \$36,600		10070			2043			Ψ300	
Roof IRMA/Protected 65% Now \$60,800 2037 ** **		100%			2040	* *	5-10	\$36,600	
IRMA/Protected Membrane Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30% Location : Main Roof		10070					0 10	\$20,000	
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30% Location : Main Roof	IRMA/Protected	65%	Now	\$60,800	2037	* *			
Vegetation Growth, Extent : Severe, Area Affected : 100% Location : Throughout		Grvl/Blst I	Miss/Disp, I	Extent : Moderate,	Area Afj	fected : 30%			
Location : Throughout Water Penetration, Extent : Moderate, Area Affected : 10% Location : South East Worn/Eroded, Extent : Severe, Area Affected : 75% Location : Main Roof		Location	: Main Ro	of					
Water Penetration, Extent : Moderate, Area Affected : 10% Location : South East		-			ea Affecte	ed : 100%			
Location : South East WorntEroided, Extent : Severe, Area Affected : 75% Location : Main Roof			_						
Worn/Eroded, Extent : Severe, Area Affected : 75% Location : Main Roof					Area Affe	cted : 10%			
Modified Bitumen				~-					
Other Observation, Extent : Severe, Area Affected : 100% Location : Addition At Rear Of Building Explanation : Abandoned Roof Repairs					ected : 7:	5%			
Location : Addition At Rear Of Building Explanation : Abandoned Roof Repairs	Modified Bitumen			· ·		·			
Explanation : Abandoned Roof Repairs						ed : 100%			
Televity				=	_				
Floors		Explana	tion : Aband	doned Roof Repair	·s				
Cast in Place Concrete									
Ceramic Tile		500/	1⊥	\$5.400	LIEE	* *	5	\$11.200	
Quarry Tile	Cast in Place Concrete	Cracking/	Crumbling,	Extent : Moderate			3	\$11,300	
Quarry Tile 10% 2040 ** * 5 \$1,600 Vinyl Tile 35% 0-2 \$3,100 2032 ** 3 \$1,400 Cracking/Crumbling, Extent : Light, Area Affected : 20% Location : Throughout Interior Walls Ceramic Tile 10% 2036 ** 5 \$1,100 Concrete Masonry Unit 10% LIFE ** 5 \$500 Plaster 40% LIFE ** 5 \$1,400 SGFT/Glazed Masonry 40% LIFE ** 5 \$1,400 Ceilings Exposed Concrete 75% LIFE ** 5 \$1,200 Plaster 25% LIFE ** 5 \$1,600 Paint Peeling, Extent : Light, Area Affected : 10% Location : 2nd Floor Corridor Site Enclosure Fence/Gates	Ceramic Tile	5%			2036	* *	5	\$500	
Vinyl Tile	Quarry Tile					* *			
Location : Throughout	- ·	35%	0-2	\$3,100	2032	* *		·	
Interior Walls	•	_	_	_	ea Affecto	ed : 20%			
Ceramic Tile	Interior Walls								
Concrete Masonry Unit 10%		10%			2036	* *	5	\$1,100	
Plaster	Concrete Masonry Unit	10%			LIFE	* *		·	
Ceilings	Plaster	40%			LIFE	* *	5	\$1,400	
Exposed Concrete 75% LIFE ** 5 \$1,200 Plaster 25% LIFE ** 5 \$1,600 Paint Peeling, Extent: Light, Area Affected: 10% Location: 2nd Floor Corridor Site Enclosure Fence/Gates	SGFT/Glazed Masonry	40%			LIFE	* *			
Plaster 25% LIFE ** 5 \$1,600 Paint Peeling, Extent: Light, Area Affected: 10% Location: 2nd Floor Corridor Enclosure Fence/Gates									
Paint Peeling, Extent: Light, Area Affected: 10% Location: 2nd Floor Corridor Site Enclosure Fence/Gates	-						5		
Location : 2nd Floor Corridor Site Enclosure Fence/Gates	Plaster						5	\$1,600	
Fence/Gates				0 00	cted : 105	%			
	Site Enclosure								
Chain link 100% 2037 **	Fence/Gates								
	Chain link	100%			2037	* *			

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13012

Architecture	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2032	* *			
On-Site Walkways							
Cast in Place Concrete	100%		2032	* *			
Parking/Driveway							
Cast in Place Concrete	100%		2032	* *			

Electrical		Current Repair		e Replacement	Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment					_		
Fused Disc Sw	100%		2027	\$4,800	5		
		rvation, Extent : Light, Area	Affected	: 100%			
	Location:						
	Explanatio	on: 400 Amperes					
Switchgear / Switchboard	1000/			440.000	_		
Fused Disc Sw	100%		2027	\$48,800	5		
Raceway							
Conduit	100%		2027	\$31,300	1		
Panelboards				**	_		
Molded Case Bkrs	90%		2026	\$34,600	5	\$200	
Molded Case Bkrs	10%		2043	* *	5		
Wiring							
Thermoplastic	100%		2027	\$27,700	1		
Motor Controllers							
Locally Mounted	100%		2025	\$14,400	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting							
Incandescent	10%		2022	\$4,300	2		
LED	90%		2032	* *			
Egress Lighting							
Exit, Service	50%		2027	\$400	1		
No Component	50%						
Exterior Lighting							
HID	100%		2022	\$25,200	10		

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13012

Electrical		Current Repai	r	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Digital	5%	Now	\$700	2037	* *	1-3	\$200	
_	Devices M	issing, Extent : I	Moderate, Ar	ea Affecte	ed : 100%			
	Location	: 1st And 2nd F	loors					
	Local/Batt	ery Operated De	etect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: 1st And 2nd F	loors					

Mechanical	Curre	nt Repair	Futur	e Replacement	M					
System Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating										
Energy Source										
Natural Gas	100%		2047	* *	1					
Conversion Equipment										
Hot Water Boiler	100%		2032	* *	1	\$3,300				
	Other Observation, Extent: Light, Area Affected: 100%									
	Location : Baser									
=	Explanation: O	ne Unit								
Distribution (P.	1000/		20.42	* *	4	0.500				
Hot Wtr Piping/Pump	100%		2043	* *	4	\$500				
Terminal Devices	000/		20.40	* *		Ø1 000				
Convector/Radiator	90%		2040		1	\$1,900				
Unit Heater - Steam	10%		2027	\$2,200	4	\$100				
Air Conditioning										
Energy Source	1000/		2042	* *	1					
Electricity	100%		2043		1					
Conversion Equipment Window/Wall Unit	100%		2025	¢12 000	1					
Ventilation Window/ Wall Unit	100%		2023	\$13,000	1					
Distribution										
Distribution Ductwork/Diffusers	10%		LIFE	* *	2-5	\$400				
No Component	90%		LIFE		2-3	\$400				
Exhaust Fans	9070									
Interior	60%		2032	* *	2	\$100				
Roof	40%		2032	* *	2	\$100 \$100				
Plumbing	7070		2032			\$100				
H/C Water Piping										
Brass/Copper	75%		2047	* *	1					
Galvanized Steel	25%		2040	* *	1					
Water Heater	2570									
Gas Fired	100%		2025	\$3,800	2	\$100				
2401 1114		n, Extent : Light, Area			_	\$100				
	Location : Baser		55							
	Explanation: 2	Units 74 Gallon With	Pump							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13012

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2021	\$200	4	\$100	
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	10%		2025	\$200	1-3	\$500	
No Component	90%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 160/RESCUE 5

Address : 1850 CLOVE ROAD @ TARGEE ST.

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 8,077 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3153 Lot : 38 BIN : 5046179

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$64,400
Interior Architecture		\$51,000
Electrical	\$34,600	\$48,800
Mechanical		\$48,900
Total	\$34,600	\$213,100
Importance Code A		\$113,200
Importance Code B	\$34,600	\$99,800
Total	\$34,600	\$213,100

Total	\$104,500	\$9,300	\$27,500	\$3,500
Importance Code C	\$14,300			\$900
Importance Code B	\$74,700	\$1,700	\$16,600	\$1,800
Importance Code A	\$15,400	\$7,600	\$10,900	\$800
Total	\$104,500	\$9,300	\$27,500	\$3,500
Mechanical	\$1,400	\$1,200	\$15,500	\$1,200
Electrical	\$48,100	\$1,300	\$600	\$700
Interior Architecture	\$41,900		\$1,300	\$1,700
Exterior Architecture	\$13,200	\$6,800	\$10,100	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13090

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	\$23,300	
Masonry: Granite	3%			LIFE	* *	5	\$700	
Masonry: Limestone	10%			LIFE	**	5	\$2,200	
Wood Overhead Doors	7%			2028	\$64,400	5	\$10,200	
Windows	1000/	0.2	ф1 2 2 00	2045	* *	-	Φ1 600	
Aluminum	100%		\$13,200	2045		5	\$1,600	
		_	g, Extent : Modera Caskets Are Failin		Адјества : 100% Itiple Window Loca	utions Th	mough out	
<u> </u>	Localion	: Giazing	Gaskeis Are Failin	g Ai Mui	npie winaow Loca	iiions 1n	rougnoui	
Parapets Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$4.900	
	20% 60%			LIFE	* *	5 5	\$4,800 \$1,900	
Masonry: Brick Metal Rail	20%			2040	* *	5-10	\$1,900 \$11,200	
Roof	2070			2040		3-10	\$11,200	
Built-Up (BUR)	100%			2031	* *	10	\$10,100	
nterior	10070			2031		10	\$10,100	
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$11,700	
Ceramic Tile	7%			2026	\$18,100	5	\$900	
Quarry Tile	8%			2036	**	5	\$1,600	
Vinyl Tile	45%	0-2	\$10,200	2028	\$51,000	3	\$2,300	
•	Worn/Ero	ded, Exteni : 2nd And	: Moderate, Area		· ·		. ,	
Interior Walls	2000000		2.4.1.00.					
Ceramic Tile	10%			2032	* *	5	\$1,800	
Gypsum Board	25%			LIFE	* *	5	\$2,800	
Masonry: Brick	40%	2-4	\$14,300	LIFE	* *	C	\$2,000	
	Water Per	etration, E	xtent : Moderate, A Veight Room And V	Area Affe	ected : 100%			
Plaster	25%			LIFE	* *	5	\$1,400	
Ceilings	4007	4 .	# 000	20.40	* *	_	Φ 2.7 00	
AcousTileSusp.Lay-In	40%		\$900	2040		5	\$2,700	
	_	_	Extent : Moderate or Ceiling, Multiple	_	-			
Exposed Struc: Steel	20%	0-2	\$11,200	LIFE	* *			
		_	xtent : Moderate, A teel Lintel At The I		ected : 100% The Foundation Wo	all/ Vault		
Gypsum Board	10%			LIFE	* *	5	\$1,700	
Plaster	30%	Now	\$5,300	LIFE	* *	5	\$2,500	
	Water Per	etration, E	xtent : Severe, Are	a Affecte	d: 10%			
	Location	: 2nd Floo	or Office, Bunkroor	n And Th	iroughout			
	Worn/Ero	ded, Exteni	: Moderate, Area	Affected	: 30%			
	Location	: Through	out 2nd Floor					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13090

Electrical	Current Repair	Future Replaceme	nt	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C		Cycle Estimated Cos (Yrs)	t Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% 2-4 \$1,500 On Extended Life, Extent: Severe, Are Location: Basement - Telephone Ser Other Observation, Extent: Light, Are Location: Basement Explanation: Building Has 2 Electri	vice a Affected : 100%	* * ⁄isible	5	
Switchgear / Switchboard					
Molded Case Bkrs	100%	2023 \$48,	800	5 \$200	
Raceway Conduit	100%	2033	* *	1	
Panelboards	10076	2033		1	
Molded Case Bkrs	90%	2022 \$34,	600	5 \$200)
Molded Case Bkrs	10%	2031	**	5	
Wiring Thermoplastic	100%	2033	* *	1	
Motor Controllers Locally Mounted	100% Other Observation, Extent : Light, Are Location : 1st Floor Explanation : Motorized Door Opera	-		5 \$100	
Ground	Explanation . Motorized Door Opere	uors For Garage Doors	'		
Grounding Devices Generic	100% Other Observation, Extent: Light, Are Location: Basement Explanation: 2 Grounds Present - B	-	* * re Grour	5 \$100	1
Stand-by Power					
Transfer Switches Automatic	100% Other Observation, Extent: Light, Are Location: Basement Explanation: (2) Transfer Switches	-	* * (1) 200	1 \$2,500 A	1
Generators Diesel	100% 4+ \$6,600 Recent Installation, Extent: Light, Are Location: Basement Suspect Water Damage, Extent: Mode Location: Basement - Users State Th Other Observation, Extent: Light, Are Location: Basement Explanation: 83 K V A	rate, Area Affected : 25 nat The Exhaust Leaks	**	1 \$2,800	
Fuel Storage Day Tank	100% Other Observation, Extent: Light, Are Location: Basement Explanation: 75 Gallon	2045 a Affected : 100%	* *	5 \$1,500)

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13090

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle Estimated C (Yrs)	Cost Priority
Lighting				
Interior Lighting				
Fluorescent	90%	2028 \$19,700	10 \$6,7	00
	Motion Sensors in Use, Extent : Lig	ht, Area Affected : 50%		
	Location: 2nd And 3rd Floors			
	T-8 Lamps And Fixtures, Extent: L	ight, Area Affected : 100%		
	Location : Throughout			
Incandescent	10%	2019 \$5,200	2	
	Obsolete Fixtures, Extent : Modera	. 55		
	Location: 1st Floor Dining Area	And Pole Areas		
Egress Lighting				
Emergency, Service	5%	2028 \$200	1	
	Other Observation, Extent : Light, A	50		
	Location: Basement - Generator			
	Explanation: One Emergency Lig	ght Observed		
No Component	95%			
Exterior Lighting				
HID	100% Now \$30,56	00 2033 **		
	Malfunctioning, Extent : Severe, Ar	rea Affected : 100%		
	Location : Entire Exterior			
Alarm				
Fire/Smoke Detection				
No Component	95%			
Generic	5% Now \$4,20	00 2033 **	1-3 \$2	00
	Devices Missing, Extent: Severe, A	rea Affected : 100%		
	Location: Throughout - Battery C	Operated Smoke Detectors Are I	Missing	

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2028	\$48,900	1	\$8,000	
Distribution							
Central Plant Steam	100%		2043	* *	4	\$600	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2036	* *	1	\$2,600	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	60%		2021	\$9,400	1		
No Component	40%						

Ventilation

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13090

Mechanical	Current Repair	Future	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Ventilation									
Distribution									
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$2,300				
No Component	50%								
Exhaust Fans									
Roof	50%	2028	\$6,300	2	\$100				
Wall Unit	50%	2028	\$1,300	2	\$100				
Plumbing									
H/C Water Piping	• • • • • • • • • • • • • • • • • • • •	• • • •	de de						
Brass/Copper	20%	2043	**	1					
	Other Observation, Extent:		ted : 20%						
	Location: Throughout Bas								
	Explanation : No Dielectri	=							
Galvanized Steel	80%	2036	* *	1					
	Other Observation, Extent : Moderate, Area Affected : 20% Location : Throughout Basement								
	Explanation: No Dielectri Corrosion.	c Fitting Between Dis	similar Metals. W	Vill Event	tually Cause				
Water Heater									
Gas Fired	100%	2021	\$4,600	2	\$100				
	Other Observation, Extent : Location : Cellar Mechani		10%						
	Explanation : 2-75 Gallon	Heaters							
Sanitary Piping	1								
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1					
Backflow Preventer									
Generic	100%	2028	\$1,900	1	\$500				
Fire Suppression			-						
Sprinkler									
No Component	90%								
Generic	10%	2049	* *	1-2	\$200				
	Other Observation, Extent:	Light, Area Affected :	10%						
	Location: Kitchen								
	Explanation : New Ansul S	ystem Over Range							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 161

Address : 278 McCLEAN AVENUE

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.161 / 13091 Yr Built/Renovated : 1931 /

Area Sq Ft : 6,000 Project Type : FIRE DEPARTMENT

Date of Survey : 01-May-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3108 Lot : 25 BIN : 5045654

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$98,500	\$114,500
Interior Architecture	\$190,900	
Total	\$289,300	\$114,500
Importance Code A	\$98,500	\$114,500
Importance Code B	\$190,900	
Total	\$289,300	\$114,500

Total	\$164,700	\$1,100	\$14,200	\$1,800
Importance Code C	\$7,900			
Importance Code B	\$45,300	\$500	\$13,600	\$900
Importance Code A	\$111,500	\$600	\$600	\$900
Total	\$164,700	\$1,100	\$14,200	\$1,800
Mechanical	\$19,500	\$1,100	\$14,100	\$1,100
Electrical	\$10,900		\$100	
Interior Architecture	\$26,300			\$400
Exterior Architecture	\$108,000			\$300
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 161

Asset #: 13091

Current Repair		Future	Future Replacement		Maintenance	
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
50 /		20.42		1.0	0.400	
	\$08.500					
				3	\$10,500	
_						
		, Area Af	fected : 10%			
		e, Area A	ffected : 10%			
		tod · 5%				
-		eu . 570				
5% 0-2	\$7,400	LIFE	* *	5	\$900	
Int Mortar Miss/Erod	l, Extent : Modera	e, Area A	ffected : 50%			
Location : Mcclean	Avenue Elevation					
7% 0-2	\$9,600	LIFE	* *	5	\$1,300	
		e, Area A	ffected : 75%			
		LIEE	* *		\$600	
				3	\$600	
		10,0				
7% Now	\$10,200	2028	\$50,900	5	\$2,200	
Diagonal Cracks, Ext	ent : Severe, Area	Affected .				
	ver					
8%		2028	\$63,600	5	\$10,100	
100% 0.2	¢15 500	2021	* *	5	0002	
				3	\$300	
		,				
_						
=						
			cted : 50%			
Location . 2na Fioo	T South And West	wans				
15% Now	\$3,500	LIFE	* *	5	\$2,200	
Int Mortar Miss/Erod	•		ffected : 50%		. ,	
Location : All Parap						
85% 0-2	\$18,300	LIFE	* *	5	\$1,600	
Spalling, Extent: Mod Location: Parapet	derate, Area Affec	ted : 10%				
	5% 65% 0-2 Corrosion/Rusting, E. Location : McClean Cracking/Crumbling, Location : West Fact Jnt Mortar Miss/Erod Location : Throught 5% 0-2 Jnt Mortar Miss/Erod Location : Mcclean 7% 0-2 Jnt Mortar Miss/Erod Location : Front Fa 3% 0-2 Spalling, Extent : Light Location : East And 7% Now Diagonal Cracks, Ext Location : Hose Tow 8% 100% 0-2 Air Infiltration, Exten Location : Captains Broken/Missing Elem Location : 2nd Floo 15% Now Jnt Mortar Miss/Erod Location : All Parap 85% 0-2 Spalling, Extent : Mod Location : All Parap 85% 0-2 Spalling, Extent : Mod	5% 65% 0-2 \$98,500 Corrosion/Rusting, Extent: Moderate, A Location: McClean Avenue Facade L Cracking/Crumbling, Extent: Moderate Location: West Facade Jnt Mortar Miss/Erod, Extent: Moderate Location: Front Facade Spalling, Extent: Moderate, Area Affect Location: Throughout All Elevations 5% 0-2 \$7,400 Jnt Mortar Miss/Erod, Extent: Moderate Location: Mcclean Avenue Elevation 7% 0-2 \$9,600 Jnt Mortar Miss/Erod, Extent: Moderate Location: Mcclean Avenue Elevation 7% 0-2 \$9,600 Jnt Mortar Miss/Erod, Extent: Moderate Location: Front Facade 3% 0-2 \$2,900 Spalling, Extent: Light, Area Affected: Location: East And West Elevation 7% Now \$10,200 Diagonal Cracks, Extent: Severe, Area Location: Hose Tower 8% 100% 0-2 \$15,500 Air Infiltration, Extent: Severe, Area Affected: Location: Captains Office Broken/Missing Elements, Extent: Moderate, A Location: 2nd Floor South And West 15% Now \$3,500 Jnt Mortar Miss/Erod, Extent: Moderate Location: All Parapet Elevations 85% 0-2 \$18,300 Spalling, Extent: Moderate, Area Affected Rocation, Extent: Moderate, Area Affected Location: All Parapet Elevations 85% 0-2 \$18,300 Spalling, Extent: Moderate, Area Affected Rocation, Extent: Moderate, Area Affected Location, Location, Extent: Moderate, Area Affected	Soft Fail Date Estimated Cost Total (Years) Fy	Sy6	So	Soft Sail Date Estimated Cost FY Estimated Cost Cycle (Yrs)

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 161

Asset #: 13091

Architecture	Curre	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Roof								
Asphalt Shingle Built-Up (BUR)	20% 80% Now	\$9,400	2032 2019	* * \$31,200	10	\$300		
1 \ /	Alligatoring, Exte	nt : Moderate, Area A	ffected : 10	•				
	Location: Thro							
		Severe, Area Affected	: 20%					
	Location : Thro	_	Amor Afford	o4 o 4 + 200/				
	Location : Thro	sp, Extent : Moderate ughout	Area Ajjeo	nea : 20%				
		ashings, Extent : Moa	erate. Area	Affected: 33%				
	Location : Thro	_		5,5				
nterior								
Floors		*			_			
Cast in Place Concrete	50% 0-2	\$46,600	LIFE	**	5	\$9,800		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Cellar, Multiple Locations							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Appa		a rijjecica	. 100/0				
		loor Is Temporarily Si	ored To C	arry Truck Load,	Repair (Or Replacement Is		
Quarry Tile	10%		2028	\$25,800	5	\$1,300		
Terrazzo	5%		LIFE	* *	5	\$400		
Vinyl Tile	35% 0-2	\$8,000	2023	\$26,700	3	\$1,200		
	Worn/Eroded, Extent : Moderate, Area Affected : 33% Location : Throughout The Second Floor							
Interior Walls	Location : Inro	ignout The Second Fl	oor					
Cast in Place Concrete	25%		LIFE	* *				
Masonry: Brick	5%		LIFE	* *				
Marble Panels	5%		LIFE	* *				
Plaster	40% 0-2	\$7,900	LIFE	* *	5	\$1,500		
	Diagonal Cracks, Extent: Moderate, Area Affected: 33% Location: Bulkhead/ Hose Tower							
	Loose/Delam Surface, Extent : Severe, Area Affected : 5% Location : 2nd Floor Locker Room At West							
	Paint Peeling, Extent: Moderate, Area Affected: 80%							
	Location: Roof Bulkhead/ Hose Tower							
	Water Penetration, Extent : Severe, Area Affected : 33%							
	Location : 2nd I Locker Room	Floor Hallway Adjace	ıt To The B	Cathroom, Stairs,	Captain.	s Office And		
SGFT/Glazed Masonry	25%		LIFE	* *				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 161

Asset #: 13091

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$2,200	2028	\$10,900	5	\$700	
			xtent : Moderate, 1 r Bunkroom	Area Affe	cted : 20%			
Exposed Concrete	50%	0-2	\$144,200	LIFE	* *	5	\$700	
	Spalling, Extent: Moderate, Area Affected: 10%							
	Location	: Through	out Cellar					
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location	: Cellar						
			ure Is Temporaril ient Is Required.	y Shored	With Steel Column	ıs To Ca	rry Truck Load,	
Plaster	35%	0-2	\$8,200	LIFE	* *	5	\$2,000	
	Paint Peeling, Extent: Moderate, Area Affected: 30%							
	Location	: Hose Tov	ver					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: 2nd Floo	r Hallway Adjacei	ıt To The	Locker Room And	l Hose To	ower	

lectrical		Current Repair	Futu	re Replacement	M	aintenance		
vstem Component Type	,,,,,	Fail Date Estimated Cos (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+ \$2,900	2033	* *	5			
		Corroded, Extent : Severe,	Area Affec	eted : 100%				
	Location:	: Basement						
		ed Life, Extent : Severe, Ar	ea Affectea	d : 100%				
	Location:	: Basement						
	Suspect Wat	ter Damage, Extent : Seve	ere, Area Aj	ffected : 100%				
	Location:	: Basement						
	Other Obser	rvation, Extent : Light, Ar	ea Affectea	l : 100%				
	Location:	: Basement						
	Explanatio	on : Service Size: 200 Am	p					
Raceway								
Conduit	90%		2033	* *	1			
Conduit	10%	0-2 \$1,300	2033	* *	1			
	Covers Missing, Extent: Severe, Area Affected: 100%							
	Location:	: Basement						
Panelboards								
Molded Case Bkrs	100%		2031	* *	5	\$200		
	Other Observation, Extent: Moderate, Area Affected: 50%							
	Location:	: Throughout						
	Explanatio	on : Circuit Breakers Trip	,					
Wiring								
Thermoplastic	100%		2033	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 161

Asset #: 13091

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5		
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location: 1st Floor					
	Explanation: Motor Contro	ller For One Overh	ead Door			
Ground						
Grounding Devices	1000/	LIDE	* *	-	¢100	
Generic	100%	LIFE		5	\$100	
Lighting						
Interior Lighting Fluorescent	60%	2023	\$9,800	10	\$3,300	
Fluorescent	* *			10	\$3,300	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Throughout					
El ,		2022	¢4.000	10	ф1 7 00	
Fluorescent	30%	2023	\$4,900	10	\$1,700	
	T-12 Lamps And Fixtures, Ex Location: Basement	tent : Lignt, Area A	пестеа : 100%			
Incandescent	10%	2019	\$3,800	2		
	Other Observation, Extent : L Location : Basement And Is Explanation : Fire Watch A.	t Floor				
Exterior Lighting	•					
HID	100% 4+	\$2,300 2023	\$22,600			
	Outdr Lights On During Days Location : Exterior - Front	ime, Extent : Mode	rate, Area Affected	l : 100%		
Lightning Protection						
Arresters/Cabling						
Generic	100%	2038	* *	5	\$200	
Alarm						
Fire/Smoke Detection						
No Component	98%					
Generic	2% Now	\$600 2023	\$1,200	1-3	\$100	
	Devices Damaged, Extent : So		l : 50%			
	Location : 1st Floor Televis					
	Local/Battery Operated Detec	_	rea Affected : 1009	%		
	Location: 1st And 2nd Floo	ors				

Mechanical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$5,900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13091

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Distribution						
Central Plant Steam	100%	2043	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$30,000	1	\$1,900	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Split Unit	20%	2028	\$24,000			
Window/Wall Unit	60%	2021	\$7,000	1		
No Component	20%					
Ventilation						
Exhaust Fans						
Interior	90%	2019	\$18,000	2	\$200	
	Obsolete Equipment, Extent :		. ,		4	
	Location : Total House	, 33				
Roof	10%	2028	\$900	2		
	10%	2028	\$900	2		
Plumbing						
H/C Water Piping	200/	20.42	* *	1		
Brass/Copper	20%	2043		1		
Galvanized Steel	80%	2028	\$19,700	1		
	Other Observation, Extent : 1	Moderate, Area Affect	ed: 20%			
	Location : Cellar					
-	Explanation : No Dielectric	Fittings				
Water Heater						
Gas Fired	100%	2021	\$3,400	2	\$100	
	Other Observation, Extent : 1	Light, Area Affected :	100%			
	Location : Cellar					
	Explanation: One 75 Gallo	on Heater				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Fixtures			*		*	
Generic	100%					
Generie	Other Observation, Extent : 1	Light, Area Affected :	100%			
	Location : Throughout					
	Explanation : New Fixtures					
Fire Suppression	Expandition . Ivew Fixities					
Chemical System	1000/	2021	¢2 100	1.2	¢4 200	
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent : 1	Agnt, Area Affected:	100%			
	Location : Kitchen					
	Explanation: Over Range					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 161

Asset #: 13091

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 162/LADDER CO. 82/ BATTALION 23

Address : 256 NELSON AVENUE

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.162 / 13092 Yr Built/Renovated : 1928 /

Area Sq Ft : 8,429 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5271 Lot : 31 BIN : 5067428

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$62,700	
Interior Architecture	\$48,200	
Electrical	\$26,900	
Mechanical	\$45,900	\$42,200
Total	\$183,700	\$42,200
Importance Code A	\$108,600	
Importance Code B	\$75,100	\$42,200
Total	\$183,700	\$42,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,400		\$4,100	
Interior Architecture	\$38,800		\$400	\$1,000
Electrical	\$7,100	\$500	\$500	\$7,600
Mechanical	\$14,900	\$1,300	\$9,000	\$1,300
Total	\$92,300	\$1,800	\$13,900	\$10,000
Importance Code A	\$32,200	\$800	\$4,900	\$800
Importance Code B	\$54,600	\$1,000	\$8,700	\$9,200
Importance Code C	\$5,500		\$400	
Total	\$92,300	\$1,800	\$13,900	\$10,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 162/LADDER CO. 82/ BATTALION 23

Asset #: 13092

Architecture	Current Rep	air Fut	Future Replacement		ent Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Alum/Vinyl Siding	5%	204		10	\$400	
Masonry: Brick	75% 4+	\$11,800 LIF		5	\$19,500	
	Efflorescence, Extent: M Location: Front Facad		ea : 2%			
	Vegetation Growth, Exter		ffected · 5%			
	Location : Moss Growth					
Masonry: Granite	5%	LIF		5	\$1,000	
Masonry: Limestone	5%	LIF		5	\$1,000	
Metal Sect. OHD	10%	203		5	\$8,100	
Windows					· · · · · ·	
Aluminum	100% Now	\$2,100 203	1 **	5	\$1,300	
	Ctrwt/Balnc Not Funct, B	Extent : Light, Area A	ffected : 5%			
	Location : Throughout					
Parapets						
Masonry: Brick	80% 0-2	\$6,700 LIF		5	\$2,300	
	Cracking/Crumbling, Ext		Affected: 20%			
	Location: Front Parap	· ·	50/			
	Spalling, Extent : Modera Location : Rear Wall O		0%			
	Other Observation, Exter	·	ffeeted · 20%			
	Location: Coping, Mai		jjecieu . 2070			
	Explanation : Sealant J	=				
Masonry: Limestone	20%	LIF:		5	\$700	
Roof					4,00	
Asphalt Shingle	15%	202	6 \$6,500	10	\$300	
Modified Bitumen	85%	201	9 \$62,700	10	\$10,800	
nterior						
Floors						
Cast in Place Concrete	50% Now	\$13,100 LIF		5	\$13,800	
	Cracking/Crumbling, Ext		Affected : 20%			
	Location : Apparatus R		1 500/			
	Water Penetration, Exten	t : Severe, Area Affec	rted : 50%			
	Location : Basement					
Ceramic Tile	5%	203		5	\$600	
Vinyl Tile	45% 0-2	\$48,200 203		3	\$2,100	
	Broken/Missing Elements	s, Extent : Moderate,	Area Affectea : 10%			
	Location: 2nd Floor Cracking/Crumbling, Ext	tont : Moderate A	Affacted . 200/			
	Location: 2nd Floor	ені . Ічойегиіе, Аґеа	лујества . 20%			
	Worn/Eroded, Extent : M	Joderate Area Affects	d · 25%			
	TOTAL DUCU, EARTH . IVI					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 162/LADDER CO. 82/ BATTALION 23

Asset #: 13092

Architecture		Current Rep	air	Future Replacement		Maintenance		
ystem Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Interior Walls								
Cast in Place Concrete	10%	4+	\$5,500	LIFE	* *			
	-		ate, Area Affec	ted : 15%				
	Location	: Basement W	Valls					
	Water Pen	etration, Exte	nt : Moderate, A	Area Affected	l : 5%			
	Location	: Basement S	tair, Front Base	ement Wall				
Ceramic Tile	5%			2026	\$23,900	5	\$900	
Plaster	52%			LIFE	* *	5	\$2,700	
	Cracking/0	Crumbling, Ex	tent : Moderate	, Area Affec	ted : 2%		·	
	Location	: Walls At Ro	of Scuttle					
Plywood/Hardboard	3%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2028	\$5,100	5	\$600	
Exposed Concrete	25%	Now	\$20,300	LIFE	* *	5	\$500	
•	Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Basement							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Basement							
	Water Penetration, Extent : Moderate, Area Affected : 15%							
	Location	: Basement						
	Other Obs	ervation, Exte	nt : Severe, Are	a Affected :	100%			
		: Apparatus I						
	Explanat	tion : Apparati	us Slab Is Not L	Designed For	Current Loads	s - Needs	To Be Replaced	
Plaster	70%			LIFE	* *	5	\$5,500	

ectrical	Current Repair	Futur	Future Replacement		Maintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2043	* *	5	\$200	
	Other Observation, Extent : Light, Arc	ea Affected	: 100%			
	Location : Basement Electrical Sect	ion				
	Explanation: 200 Amp					
Raceway						
Conduit	100%	2043	* *	1		
Panelboards						
Molded Case Bkrs	30%	2039	* *	5	\$100	
Molded Case Bkrs	70%	2022	\$26,900	5	\$200	
Wiring						
Braided Cloth	25%	2022	\$6,900	1		
Thermoplastic	75%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5	\$100	

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 162/LADDER CO. 82/ BATTALION 23

Asset #: 13092

Electrical	Current Repair	Futur	Future Replacement		nt Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
Lighting Interior Lighting							
Fluorescent	80%	2028	\$18,300	10	\$6,200		
	T-8 Lamps And Fixtures, Extendation: Throughout	t : Light, Area Aff	fected : 100%				
Fluorescent	10% Now \$	2,300 2033	* *				
	Not in Service, Extent : Moderate, Area Affected : 100% Location : Throughout T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%						
	Location : Throughout						
Incandescent	10%	2023	\$5,400	2			
	Other Observation, Extent: Lig Location: Dining Room, T. V Explanation: Downlights						
Egress Lighting							
Emergency, Service	50%	2023	\$2,100	1			
Exit, Service	50%	2023	\$500	1			
Exterior Lighting							
HID	100% Now	\$500 2033	* *				
	Other Observation, Extent : Lig Location : Facade And Side Y	ard					
	Explanation : Wall Mounted,	Controlled Via Pi	hotocell				
Alarm Fire/Smoke Detection							
Generic	100% Now \$ Devices Damaged, Extent : Mod Location : Smoke Detectors T		* * cted : 100%	1-3	\$4,700		

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating							
Energy Source							
Natural Gas	100%	2043	* *	1			
Conversion Equipment							
Hot Water Boiler	10%	2036	* *	1	\$400		
	Other Observation, Extent : Light, Area	Affected : 100	0%				
	Location: Basement						
	Explanation : Small Boiler In Rear Oj	^F Basement Ser	ves Members	Room			
Steam Boiler	90%	2021	\$45,900	1	\$7,500		
	Other Observation, Extent: Light, Area Affected: 100%						
	Location: Basement						
	Explanation: Three Small Boilers Pip	ed Together					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 162/LADDER CO. 82/ BATTALION 23

Asset #: 13092

Mechanical		Current R	epair	Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	10%			2039	* *	4	\$100	
Central Plant Steam	90%			2033	* *	4	\$400	
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%			2028	\$42,200	1	\$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	\$13,100	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2023	\$2,800	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	\$4,800	2	\$100	
			tent : Light, Area	Affected .	: 100%			
		: Basement						
	Explanati	on : 1 - 75	Gallon Unit					
Sanitary Piping	1000/				ماد ماد			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping					di di			
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	4000/			• • • •	4.00		4.00	
Submersible	100%			2019	\$300	4	\$300	
			tent : Light, Area	Affected .	: 100%			
		: Basement						
	Explanati	ion : 2 Unit.	s In Same Pit					
Backflow Preventer	2 - 2 :							
No Component	95%			• • • •	4100			
Generic	5%			2028	\$100	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System				• • • •				
Wet	100%			2021	\$2,100	1-3	\$4,200	
			tent : Light, Area	Affected .	: 100%			
	Location							
	Explanati	on : Serves	Cooking Area					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 163/LADDER 83

Address : 875 JEWETT AVENUE

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.163 / 13093 Yr Built/Renovated : 1932 /

Area Sq Ft : 8,408 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 377 Lot : 18 BIN : 5010816

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$76,100
Interior Architecture	\$156,800	
Total	\$156,800	\$76,100
Importance Code A		\$76,100
Importance Code B	\$156,800	
Total	\$156,800	\$76,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$29,100			
Interior Architecture	\$30,600		\$1,500	\$1,200
Electrical	\$5,700	\$800	\$7,700	\$900
Mechanical	\$15,100	\$1,400	\$8,800	\$1,400
Total	\$80,500	\$2,200	\$18,000	\$3,500
Importance Code A	\$29,900	\$800	\$800	\$800
Importance Code B	\$50,600	\$1,400	\$17,200	\$1,900
Importance Code C				\$800
Total	\$80,500	\$2,200	\$18,000	\$3,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 163/LADDER 83

Asset #: 13093

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•			•				
Exterior Walls								
Masonry: Brick	80%	0-2	\$11,600	LIFE	* *	5	\$19,300	
			: Moderate, Area	Affected	: 20%			
			d Side Facades					
			tent : Light, Area					
	Location	: Front Fa	cade, Right Side F	Tacade, N	lear Front			
Masonry: Granite	10%			LIFE	* *	5	\$1,800	
Wood Overhead Doors	10%			2028	\$76,100	5	\$12,000	
Windows								
Aluminum	100%	4+	\$4,800	2039	* *	5	\$1,200	
		-			ea Affected : 10%			
	Location	: Screens N	Aissing Side And I	Rear				
	Unit Inoper	rable, Exte	nt : Moderate, Are	ea Affecte	ed : 10%			
	Location	: 2nd Floo	r Front Office					
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$900	
Masonry: Brick	85%			LIFE	* *	5	\$2,000	
Masonry: Granite	10%			LIFE	* *	5	\$300	
Roof								
Modified Bitumen	100%	4+	\$12,600	2031	* *			
			erate, Area Affect	ed : 20%				
		: Main Roo	=					
	_		derate, Area Affec	ted : 20%	ó .			
	Location	: Main Roo	pf					
terior								
Floors			42.7 (0.0		* *	_	010 5 00	
Cast in Place Concrete		Now	\$35,600	LIFE		5	\$12,500	
	_	_	Extent : Moderate	-	-			
		• •	s Floor Near Ove					
		etration, Ех : Cellar Fr	ctent : Moderate, 1	Area Affe	ctea : 15%			
				Affords	1.500/			
		ervation, E. : Apparatu	xtent : Severe, Are	а Ађесте	a: 30%			
			s urally Insufficient					
Commis Til-		on . Siruci	игину тыңуссет		* *	-	¢1 100	
Ceramic Tile	10%			2036		5	\$1,100	
Quarry Tile Terrazzo	5% 5%			2028	\$16,400 * *	5	\$900 \$400	
	30%	4+	¢1 500	LIFE 2019		5		
Vinyl Tile			\$1,500 ents, Extent : Mod		\$29,100	3	\$1,300	
		ssing Eiem : Througho		eraie, Ar	еи Ајјестей : 5%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 163/LADDER 83

Asset #: 13093

Architecture		Current F	Repair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2032	* *	5	\$1,600	
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,600	
Marble Panels	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	\$900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	17%			2036	* *	5	\$1,900	
Exposed Concrete	33%	Now	\$121,200	LIFE	* *	5	\$600	
•	O	Crumbling, : Basemen	Extent : Severe, A t	rea Affeo	cted : 10%			
		Extent : Sev : Basemen	ere, Area Affected t	: 50%				
	Other Obs	ervation, E	xtent : Severe, Are	a Affecte	ed : 100%			
	Location	: Basemen	t					
	Explanat	ion : Struc	turally Insufficient					
Plaster	50%			LIFE	* *	5	\$3,600	

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		
	Other Observation, Extent : Light, A.	rea Affected : 1	100%			
	Location: Basement					
	Explanation: 400 Amp					
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2045	* *	5	\$200	
	Covers Missing, Extent: Severe, Are	a Affected : 10	%			
	Location: Locker Room Ceiling Ju	nction Box				
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 163/LADDER 83

Asset #: 13093

Electrical	Current Repair	Future Replacemen	ture Replacement Maintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co	Ost Cycle (Yrs)	Estimated Cost	Priority		
Stand-by Power							
Transfer Switches							
Automatic	100%	2040	** 1	\$2,600			
	Other Observation, Extent : Light, Are	ea Affected : 100%					
	Location: Basement			_			
	Explanation: Transfer Switch Is Inst	talled To Support Planned	l Emergenc	y Generator			
Lighting	Installation						
Interior Lighting							
Fluorescent	90%	2031	** 10	\$6,900			
110010000110	T-8 Lamps And Fixtures, Extent: Ligh		10	\$0,500			
	Location : Throughout						
Fluorescent	5% Now \$1,100	2033	* *				
	Not in Service, Extent: Light, Area Affected: 100%						
	Location : Basement Oil Tank Area						
	T-8 Lamps And Fixtures, Extent: Ligh	at, Area Affected : 100%					
	Location: Basement Oil Tank Area						
Incandescent	5%	2023 \$2,7	00 2				
	Other Observation, Extent: Light, Are	ea Affected : 100%					
	Location: T. V. Room 1st Floor						
	Explanation: Downlights						
Egress Lighting							
Exit, Service	50%	2023 \$5	00 1				
No Component	50%						
Exterior Lighting	1000/	2022 #21.5	00 10				
HID	100%	2023 \$31,7	00 10				
	Other Observation, Extent : Light, Are Location : Facade And Side Yard	ea Affected : 100%					
		Had Via Dhataaall					
Alarm	Explanation: Wall Mounted, Contro	ueu via rnotocell					
Fire/Smoke Detection							
Generic	100% 0-2 \$4,300	2033	** 1-3	\$4,700			
Generic	Devices Damaged, Extent: Light, Area		1-3	ψτ, / 00			
	Location: Throughout	JJ					

Mechanical	Current Repair	r Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
leating							
Energy Source							
Natural Gas	100%	2043	* *	1			
Conversion Equipment							
Steam Boiler	100%	2036	* *	1	\$8,300		
Distribution							
Central Plant Steam	100%	2043	* *	4	\$600		
Piping/Pmp							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13093

Mechanical	Current Repair	Future Repl	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$2,700	
Air Conditioning						
Energy Source	1000/	2020	* *	1		
Electricity	100%	2039		1		
Conversion Equipment Window/Wall Unit	80%	2019	\$13,100	1		
No Component	20%	2019	\$13,100	1		
/entilation	2070					
Exhaust Fans						
Wall Unit	100%	2023	\$2,800	2	\$300	
Plumbing			4=,000		4233	
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater						
Gas Fired	100%	2021	\$4,800	2	\$100	
	Other Observation, Extent : I	Light, Area Affected : 1009	%			
	Location: Basement					
	Explanation : 1 - 75 Gallon	Unit				
Sanitary Piping	1000/		de de			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/	LIDE	* *	1		
Cast Iron	100%	LIFE	~ ~ ~	1		
Sump Pump(s) Submersible	1000/	2010	¢200	4	\$200	
Submersible	100% Other Observation, Extent : 1	2019	\$300	4	\$300	
	Location: Basement	Agni, Area Ajjeciea . 1007	~0			
	Explanation: 3 Pumps					
Backflow Preventer	<u> Барининон . 5 1 ингра</u>					
No Component	95%					
Generic	5%	2028	\$100	1		
Generic	Other Observation, Extent : I			1		
	Location : Basement	0 / 33				
	Explanation : Serves Boiler	Only				
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent : I	Light, Area Affected : 1009	%			
	Location: Kitchen					
	Explanation : Serves Cooki	ng Area				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 164/LADDER CO. 84

Address : 1570 DRUMGOOLE ROAD W. @ ELLSWORTH AVE.

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 5,504 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6828 Lot : 65 BIN : 5083491

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$72,900
Total		\$72,900
Importance Code A		\$72,900
Total		\$72,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,800	-	\$2,900	
Interior Architecture	\$77,300		\$200	\$300
Electrical	\$26,800		\$100	
Mechanical	\$8,700	\$800	\$7,200	\$800
Total	\$114,600	\$800	\$10,400	\$1,100
Importance Code A	\$2,300	\$500	\$3,400	\$500
Importance Code B	\$92,200	\$200	\$6,900	\$500
Importance Code C	\$20,000			
Total	\$114,600	\$800	\$10,400	\$1,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13094

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$16,200	
Masonry: Granite	5%			LIFE	* *	5	\$900	
Masonry: Limestone	10%			LIFE	* *	5	\$1,700	
Wood	5%			2036	* *	5	\$5,800	
Wood Overhead Doors	10%			2028	\$72,900	5	\$11,500	
Windows								
Aluminum	100%			2039	* *	5	\$2,100	
Roof	1000/	0.0	4500	2022	* *			
Asphalt Shingle	100%		\$700	2032				
			xtent : Moderate, .	Area Affe	естеа : 2%			
	Locanor	ı : Over Off	ice					
terior Floors								
Cast in Place Concrete	60%	Now	\$24,800	LIFE	* *	5	\$13,100	
Cast III I face Concrete			Extent : Moderate		ffected : 30%	3	\$15,100	
	_	ı : 1st Floor		., 111 cu 1 i	,jeeieu . 5070			
			xtent : Moderate, 1	Area Affe	octed · 10%			
		ı : Basemen		irea rijje	. 1070			
			xtent : Severe, Are	ea Affecte	ed : 100%			
		ı : Apparatı		arijjeere	. 10070			
				inal And	Does Not Carry Cı	ırrent Lo	ads	
Ceramic Tile	5%			2026	\$9,600	5	\$500	
Quarry Tile	5%			2028	\$14,300	5	\$700	
Terrazzo	5%			LIFE	**	5	\$400	
Vinyl Tile		Now	\$8,400	2023	\$21,100	3	\$900	
villyl Tile					rea Affected : 50%	3	Ψ700	
		ı : 2nd Floo		, 11.	ca 12,5 corea 1 co 7 v			
Interior Walls								
Cast in Place Concrete	25%	0-2	\$10,800	LIFE	* *			
			Extent : Severe, A		cted : 20%			
		ı : Through		30				
Gypsum Board	5%			LIFE	* *	5	\$400	
Plaster	35%			LIFE	* *	5	\$1,400	
SGFT/Glazed Masonry	35%		\$9,300	LIFE	* *	-	Ψ1,100	
2 21 1. 214204 1.1450111 9			Extent : Moderate		ffected : 30%			
	_	ı : Through						
-								
Ceilings		0-2	\$22,400	LIFE	* *	5	\$500	
Ceilings Exposed Concrete	35%					-	4	
Ceilings Exposed Concrete	35% Cracking/		Extent : Severe, A	rea Affe	cted : 40%			
	Cracking/		Extent : Severe, A	rea Affed	cted : 40%			
Exposed Concrete	Cracking/ Location	Crumbling, 1 : Through	Extent : Severe, A		**	5	\$4,000	
	Cracking/ Location 65%	Crumbling, n : Through Now	Extent : Severe, A	LIFE	* *	5	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13094

Electrical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2033	* *	5			
	Other Observation, Extent: Modera	ite, Area Affe	cted : 100%				
	Location: Basement						
	Explanation : One 200 Amperes M	lain Disconn	ect Switch				
Raceway							
Conduit	100%	2033	* *	1			
Panelboards							
Fused Disc Sw	10%	2031	* *	5			
Molded Case Bkrs	90%	2031	* *	5	\$100		
Wiring							
Thermoplastic	100%	2033	* *	1			
Motor Controllers							
Locally Mounted	100%	2028	\$14,400	5			
round							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
ighting							
Interior Lighting							
Fluorescent	30%	2019	\$4,500	10	\$1,500		
	Other Observation, Extent : Modera	ite, Area Affe	cted : 100%				
	Location: Basement						
	Explanation: T-12 Lamps						
Fluorescent	70%	2028	\$10,400	10	\$3,500		
	Other Observation, Extent: Modera	ite, Area Affe					
	Location: 1st And 2nd Floor						
	Explanation: T-8 Lamps						
Exterior Lighting	- ·						
HID	100%	2019	\$20,800	10			

Mechanical	Current Repair	epair Future Replacemen		M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$5,500	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Basement					
	Explanation: 1 Natural Gas Fired Ste	am Boilei	r			
Distribution						
Central Plant Steam	100%	2043	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$27,600	1	\$1,800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13094

Mechanical		Current Repair Future Replac		e Replacement	cement Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Window/Wall Unit	30%		2021	\$3,200	1		
Window/Wall Unit	70%		2019	\$7,500	1		
Ventilation							
Exhaust Fans							
Interior	100%		2031	* *	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Gas Fired	100%		2021	\$3,100	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
Backflow Preventer							
Generic	100%		2028	\$1,300	1	\$300	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 165/LADDER CO. 85

Address : 3067 RICHMOND ROAD

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.165 / 13095 Yr Built/Renovated : 1959 /

Area Sq Ft : 6,493 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 949 Lot : 1 BIN : 5023532

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$223,500	\$116,400
Interior Architecture	\$36,900	
Total	\$260,400	\$116,400
Importance Code A	\$223,500	\$116,400
Importance Code B	\$36,900	
Total	\$260,400	\$116,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,100			\$200
Interior Architecture	\$21,200			\$500
Electrical	\$1,200	\$100	\$300	\$100
Mechanical	\$24,600	\$600	\$9,400	\$4,200
Total	\$58,100	\$600	\$9,600	\$5,100
Importance Code A	\$11,400	\$300	\$300	\$500
Importance Code B	\$36,600	\$300	\$9,300	\$4,600
Importance Code C	\$10,100			
Total	\$58,100	\$600	\$9,600	\$5,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13095

rchitecture		Current	Repair	Futur	e Replacement	M	laintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Alum/Vinyl Siding	5%			2043	* *	10	\$300	
Masonry: Brick		Now	\$176,500	LIFE	* *	5	\$14,600	
	_	_	, Extent : Severe, A d Door Jambs	rea Affec	eted : 2%			
			a Door samos ·e, Extent : Modera	to Area	Affected : 100%			
	-		e, Extent . Moderd eving Angles	ie, Areu .	Ajjecieu . 10070			
			d, Extent : Moderai	te, Area A	Affected : 15%			
	Location	: Through	out					
			Extent : Moderate, .	Area Aff	ected : 20%			
			arapet Wall					
	-	Weepholes Not Funct, Extent: Severe, Area Affected: 50%						
			ving Angle - Parkin	_				
			Extent : Severe, Are		ed: 50%			
			ving Angle - Parkin	_				
		tion: Miss	ing Masonry Weeps					
Metal Panel	10%			2033	**	5-10	\$13,400	
Metal Sect. OHD	10%			2028	\$60,900	5	\$6,100	
Windows	1000/	0.2	¢47.000	2021	* *	_	Φ1 100	
Aluminum	100%	0-2	\$47,000	2031		5	\$1,100	
		Broken/Missing Elements, Extent: Light, Area Affected: 100% Location: Insect Screens Throughout						
			Extent : Severe, Are	a Affecte	d · 75%			
		: All Wind		и Ајјесте	u . 7570			
Parapets	Locumon							
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,400	
Masonry: Brick	90%			LIFE	* *	5	\$1,600	
Roof								
Asphalt Shingle	10%			2032	* *	10	\$200	
Modified Bitumen	90%	0-2	\$11,100	2023	\$55,500			
		xtent : Mo : Through	derate, Area Affect out	ed : 10%				
	_		oderate, Area Affec	ted : 15%	ó			
		: Through						
	-	-	xtent : Severe, Area	Affected	! : 15%			
	Location	: Through	out					

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13095

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
nterior					
Floors	400/	2000 1 1777	_	фо. 5 00	
Cast in Place Concrete	40% 4+ Spalling, Extent : Light, Area Aff Location : Apparatus Floor	6900 LIFE ** ected : 1%	5	\$9,500	
Ceramic Tile	20% 0-2 \$4	,200 2032 **	5	\$1,100	
	Cracking/Crumbling, Extent: Me Location: Kitchen	oderate, Area Affected : 10%			
Vinyl Tile	40% Now \$36	,900 2033 **	3	\$1,600	
	Cracking/Crumbling, Extent : Se Location : Throughout	-			
	Worn/Eroded, Extent: Moderate Location: Throughout	, Area Affected : 75%			
Interior Walls		400 7777			
Cast in Place Concrete	5% 2-4 \$2 Water Penetration, Extent : Mode Location : Cellar Foundation V				
Ceramic Tile	20% 0-2 \$4	,100 2036 **	5	\$1,500	
	Cracking/Crumbling, Extent : Me Location : 1st Floor Bathroom	oderate, Area Affected : 10%		. ,	
Concrete Masonry Unit	5%	LIFE **	5	\$300	
Gypsum Board	10%	LIFE **	5	\$900	
Plaster	30% Now \$3	,600 LIFE **	5	\$1,300	
	Water Penetration, Extent: Seve Location: Throughout The Eas				
SGFT/Glazed Masonry	30%	LIFE **			
Ceilings					
AcousTileSusp.Lay-In	20% 0-2 \$1 Broken/Missing Elements, Extent Location: Cellar	,800 2028 \$17,600 : Moderate, Area Affected : 5%	5	\$1,100	
	Water Penetration, Extent : Mode Location : Cellar	erate, Area Affected : 5%			
Exposed Concrete	10%	LIFE **	5	\$200	
	Paint Peeling, Extent: Moderate	, Area Affected : 2%			
	Location : Apparatus Floor				
Gypsum Board	10%	LIFE **	5	\$1,400	
Plaster		,300 LIFE **	5	\$4,100	
	Water Penetration, Extent: Seven				
	Location: Throughout 2nd Flo	or, Ceuar			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13095

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	**	5		
	Other Observation, Extent: Light, Are		100%			
	Location: Basement - Electric Close	ī				
Daggerray	Explanation: Rating Not Visible					
Raceway Conduit	90%	2033	* *	1		
Conduit	10%	2033	* *	1		
Panelboards	1070	2047		1		
Fused Disc Sw	50%	2031	* *	5	\$100	
Molded Case Bkrs	50%	2031	* *	5	\$100 \$100	
Wiring	2070	2031			Ψ100	
Thermoplastic	100%	2043	* *	1		
Motor Controllers						
Locally Mounted	10%	2028	\$1,400	5		
ý	Other Observation, Extent : Light, Area			-		
	Location : 1st Floor					
	Explanation : Overhead Door Opera	tors				
No Component	90%					
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	14%	2023	\$2,500	10	\$800	
	T-12 Lamps And Fixtures, Extent : Lig Location : 2nd Floor	ht, Area Aff	ected : 15%			
Fluorescent	76%	2023	\$13,400	10	\$4,500	
	T-8 Lamps And Fixtures, Extent: Light Location: Throughout	t, Area Affe			. ,	
Incandescent	5%	2023	\$2,100	2		
	Other Observation, Extent : Light, Area					
	Location: Basement And 1st Floor A					
	Explanation : Incandescent Lamps In	u Use				
Incandescent	5% Now \$1,000	2028	\$2,100	2		
	Other Observation, Extent : Severe, Ar Location : Roof Bulkhead Stairwell					
	Explanation : Light Fixture Housing Absent	Is Being Us	ed As A Recepta	cle Backl	box, Faceplate Is	
Exterior Lighting						
HID	90%	2028	\$22,000	10		
	Sensor/Timer Malfunction, Extent : Set Location : Exterior	vere, Area A	ffected : 100%			
Incandescent	10%	2023	\$2,100	2		
Lightning Protection	-		+-,-,-	-		

Lightning Protection

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13095

Electrical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection						
Arresters/Cabling						
Generic	100%	2051	* *	5	\$200	
Alarm						
Fire/Smoke Detection						
No Component	75%					
Generic	25%	2028	\$16,800	1-3	\$1,000	
	Local/Battery Operated Detect,	Extent : Light, Area A	ffected : 100%	6		
	Location : 2nd Floor					

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2036	* *	1	\$3,200	
Distribution								
Hot Wtr Piping/Pump	50%			2031	* *	4	\$200	
Hot Wtr Piping/Pump	50%		\$4,700	2048	* *	4	\$200	
			evere, Area Affecte	d : 50%				
		i : Through						
			: Severe, Area Affe	ected : 50	0%			
	Location	ı : Through	out					
Terminal Devices								
Convector/Radiator	70%			2028	\$22,800	1	\$1,500	
Unit Heater - Steam	10%			2028	\$2,200	4	\$100	
Unit Heater - Steam	20%		\$4,300	2033	* *	4	\$100	
		Extent : So i : Apparati	evere, Area Affecte us Area	d : 70%				
	Leak Evid	ent, Extent	: Severe, Area Affe	ected : 70	0%			
	Location	i : Apparati	us Area					
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	\$8,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$400	
			Extent : Light, Area	Affected	! : 10%			
			oor Toilet Room					
	Explana	tion : Toile	t Exhaust Ductwor	k And Gi	rilles			
No Component	90%					-		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13095

lechanical	Current Repair	Future Replacement	Maintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
entilation				
Exhaust Fans				
Interior	90%	2028 \$19,400	2 \$200	
Wall Unit	10%	2028 \$200	2	
	Other Observation, Extent : Light, Area	a Affected : 10%		
	Location : Exterior Wall			
	Explanation : Wall Mounted Hood Ex	chaust Fan		
umbing				
H/C Water Piping				
Brass/Copper	10%	2049 **	1	
Galvanized Steel	90%	2036 **	1	
	Other Observation, Extent: Moderate,	Area Affected : 10%		
	Location : Cellar			
	Explanation : No Visible Dielectric U	Inions		
Water Heater				
Gas Fired	100%	2022 \$3,700	2 \$100	
	Other Observation, Extent : Light, Area	a Affected : 10%		
	Location : Cellar			
	Explanation : One 75 Gallon Water H	Heater		
Sanitary Piping				
Cast Iron	60%	LIFE **	1	
Cast Iron	10%	LIFE **	1	
	Recent Installation, Extent: Light, Area	a Affected : 10%		
	Location: Sections Throughout			
Cast Iron	30% 0-2 \$13,300	LIFE **	1	
	Broken, Extent : Severe, Area Affected			
	Location : Throughout			
	Corroded, Extent : Severe, Area Affecte	ed : 30%		
	Location : Throughout			
	Leak Evident, Extent : Severe, Area Aff	ected : 30%		
	Location: Throughout			
Storm Drain Piping				
Cast Iron	90%	LIFE **	1	
Cast Iron	10% 0-2 \$1,300	LIFE **	1	
Cust 11011	Blockage /Clogged, Extent: Moderate,		±	
	Location : Apparatus Floor Drain			
Sump Pump(s)	Tr.			
Submersible	100% Now \$200	2019 \$200	4 \$100	
Submersion	Unit Inoperable, Extent : Moderate, Ar		. \$100	
	Location: Cellar	ca 11110010a . 50/0		
Fixtures	200000000000000000000000000000000000000			
Generic	100%			
Generic	10070			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 166/LADDER CO. 86 Address : 1400 RICHMOND AVENUE

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSECO.166 / 13096 Yr Built/Renovated : 1963 /

Area Sq Ft : 6,760 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1612 Lot : 5 BIN : 5031692

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$149,700	
Electrical	\$78,500	
Total	\$228,200	
Importance Code A	\$149,700	
Importance Code B	\$78,500	
Total	\$228.200	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$41,000		\$4,700	
Interior Architecture	\$21,100		\$800	\$1,700
Electrical	\$7,300	\$400	\$18,800	\$6,100
Mechanical	\$18,400	\$800	\$7,300	\$800
Total	\$87,800	\$1,200	\$31,600	\$8,700
Importance Code A	\$41,300	\$300	\$5,000	\$300
Importance Code B	\$44,900	\$900	\$26,600	\$7,700
Importance Code C	\$1,600			\$700
Total	\$87,800	\$1,200	\$31,600	\$8,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13096

rchitecture	Current Repair	Future Replac	ement	M	aintenance			
stem Component Type	% of Fail Date Estimated Cos Total (Years)	St Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priorit		
terior								
Exterior Walls								
Masonry: Brick	90% 2-4 \$51,100		* *	5	\$17,000			
	Jnt Mortar Miss/Erod, Extent : Sever	e, Area Affected : 15	%					
	Location: Throughout	1.00 . 1.20/						
	Vertical Cracks, Extent : Moderate, A Location : Rear Right Side At 2nd F		lst Floor T	o Doof	And Front			
	Facade Near House Watch Office	1001, Real Pacade (isi rioor i	o Kooj)	Ana Froni			
	Water Penetration, Extent: Severe, A	rea Affected : 5%						
	Location: Front Right Side Of Dorn	mitory And T. V. Roo	m					
Wood	10%	2021	598,700	5	\$9,400			
Windows								
Aluminum	100% 2-4 \$4,400		* *	5	\$1,000			
	Air Infiltration, Extent : Severe, Area							
	Location : House Watch Office And	Throughout						
Parapets /T	150/ 2.4) LIEE	* *	_	#2 (00			
Cast Stone/Terra Cotta	15% 2-4 \$2,200			5	\$2,600			
	Caulking Deteriorated, Extent: Mode Location: Coping At Main Roof	erate, Area Affectea .	: 00%					
M		LIEE	* *		¢1 000			
Masonry: Brick Roof	85%	LIFE		5	\$1,900			
Roll Roofing	100% Now \$34,500	2025	34,500	5	\$7,000			
Kon Kooning	Blisters, Extent: Moderate, Area Affe		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3	\$7,000			
	Location: Throughout							
	Seams Open/Split, Extent : Moderate, Area Affected : 5%							
	Location : Throughout							
	Water Penetration, Extent : Severe, A	rea Affected : 15%						
	Location: Above Dormitory, Aroun	d Drains And Along	Flashing					
erior								
Floors			ناد ناد	_				
Cast in Place Concrete	50% 0-2 \$2,600		* *	5	\$10,800			
	Water Penetration, Extent: Severe, A							
	Location : Ground Water At Cellar							
Ceramic Tile	15%	2032	**	5	\$1,500			
Quarry Tile	5%	2036	* *	5	\$700			
Vinyl Tile	25% Now \$1,000		320,900	3	\$900			
	Broken/Missing Elements, Extent: Moderate, Area Affected: 5%							
	_							
	Location : 1st Floor Office	ena Affacted . 900/						
	Location : 1st Floor Office Other Observation, Extent : Light, Ar	rea Affected : 80%						
	Location : 1st Floor Office	rea Affected : 80%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13096

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$1,300	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Gypsum Board	10%			LIFE	* *	5	\$800	
Plaster	30%	Now	\$1,600	LIFE	* *	5	\$1,200	
		etration, E. : Staircase	xtent : Severe, Ared ?	a Affecte	d : 10%			
SGFT/Glazed Masonry	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$7,200	2036	* *	5	\$1,500	
	Location Water Pen	: Basemen etration, E	ents, Extent : Seve t, Locker Room An xtent : Severe, Arec t, Locker Room, G	d Gymno a Affecte	asium d : 20%			
Plaster	68%	Now	\$8,800	LIFE	* *	5	\$4,200	
		_	: Moderate, Area I nd 2nd Floor Bathi		: 20%			
		etration, E. : Dormitor	xtent : Severe, Ared ry	a Affecte	d : 35%			
Wood	2%			LIFE	* *	5	\$1,700	

ectrical	Current Repair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		
	Other Observation, Extent:	${\it Light, Area Affected}$: 100%			
	Location : Basement Elect	trical Section				
	Explanation: 400 Amp					
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Molded Case Bkrs	95%	2022	\$36,600	5	\$200	
	Obsolete Equipment, Extent	: Severe, Area Affect	ed : 90%			
	Location: Throughout Fin	rehouse				
Molded Case Bkrs	5% 0-2	\$1,900 2048	* *	5		
	Other Observation, Extent :	•	: 100%			
	Location : Watch Office 1.	0				
	Explanation : Circuit Brea		Constantly Tripp	ing		
Wiring	•		- 11			
Braided Cloth	20%	2022	\$5,500	1		
Thermoplastic	80%	2033	**	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,400	5		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13096

Electrical	Current Repair	Future Replaceme	ent N	Naintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated FY	Cost Cycle (Yrs)	Estimated Cost	Priority
Ground					
Grounding Devices					
Generic	100%	LIFE	** 5	\$100	
Lighting					
Interior Lighting	000/ 37		44. 44.		
Fluorescent	20% Now \$3,7 T-12 Lamps And Fixtures, Extent: Location: 1st Floor		* *		
	Other Observation, Extent : Severe Location : 1st Floor	e, Area Affected : 100%			
	Explanation: Burnt Out				
Fluorescent	T-8 Lamps And Fixtures, Extent: 1	000 2033 Light, Area Affected : 100%	* *		
	Location: 2nd Floor	4 4 66 . 1 1000/			
	Other Observation, Extent : Severe	e, Area Affected : 100%			
	Location: 2nd Floor				
	Explanation: Burnt Out				
Fluorescent	25% T-12 Lamps And Fixtures, Extent : Location : 1st Floor	2031 Light, Area Affected : 100	** 10 %	\$1,600	
Fluorescent	40%	2031	** 10	\$2,500	
	T-8 Lamps And Fixtures, Extent: 1 Location: 2nd Floor			+=,= + =	
Incandescent	10%	2023 \$4	,300 2		
	Other Observation, Extent: Light, Location: Dining Room And 2nd Explanation: Downlights				
Exterior Lighting					
HID	95% Other Observation, Extent : Light, Location : Side And Backyard	Area Affected : 100%	,200 10		
	Explanation: Wall Mounted, Con	ntrolled Via Switch			
HID	5% 0-2 \$8 Not in Service, Extent : Light, Area Location : Roof	300 2033 a Affected : 100%	* *		
Alarm					
Fire/Smoke Detection					
Generic	100% 0-2 \$41,9 Devices Damaged, Extent: Light, Location: Basement, 1st And 2nd	Area Affected : 100%	** 1-3	\$3,800	

Mechanical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13096

Mechanical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating	•						
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2036	* *	1	\$3,300	
Distribution							
Hot Wtr Piping/Pump	100%		2039	* *	4	\$500	
Terminal Devices	1000/	21 000	2026	ate ate		Φ2 000	
Convector/Radiator	Other Obs Location	Now \$6,800 servation, Extent : Moderate, a : 2nd Floor tion : Broken Convector Cov.		* * ected : 40%	1	\$2,000	
air Conditioning	Вхрити	non . Broken Convector Cov					
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	80%		2019	\$10,500	1		
No Component	20%						
entilation							
Exhaust Fans							
Roof	100%		2023	\$10,500	2	\$200	
lumbing							
H/C Water Piping	1000/		2022	* *			
Brass/Copper		Meter, Extent : Light, Area A 1 : Basement	2033 ffected :		1		
Water Heater							
Gas Fired	100%		2021	\$3,900	2	\$100	
	Location	servation, Extent : Light, Ared 1 : Basement tion : 1 - 75 Gallon Unit	a Affected				
Sanitary Piping	p						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
Backflow Preventer							
No Component	95%						
Generic	5%		2028	\$100	1		
		servation, Extent : Light, Area	a Affected	l : 100%			
		: Basement					
E' (Explana	tion : Serves Boiler Only					
Fixtures	1000/						
Generic ira Suppression	100%						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 166/LADDER CO. 86

Asset #: 13096

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent : Light, Are	ea Affected : 1009	%			
	Location : Kitchen					
	Explanation: Serves Cooking Area					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 167/LADDER CO. 87

Address : 345 ANNADALE ROAD

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 8,390 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5642 Lot : 6 BIN : 5075428

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$39,000	\$112,600
Total	\$39,000	\$112,600
Importance Code A	\$39,000	\$112,600
Total	\$39,000	\$112,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,000			
Interior Architecture	\$63,600			\$500
Electrical	\$8,500	\$600	\$2,300	\$600
Mechanical	\$2,900	\$1,100	\$18,500	\$1,000
Total	\$95,900	\$1,700	\$20,800	\$2,100
Importance Code A	\$21,400	\$400	\$400	\$400
Importance Code B	\$62,900	\$1,300	\$20,400	\$1,700
Importance Code C	\$11,600			
Total	\$95,900	\$1,700	\$20,800	\$2,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13097

Architecture	C	urrent Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Es Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	-00/				at at	_	0.1.0.00	
Masonry: Brick	Jnt Mortar Mi Location : A	ll Elevatio	\$39,000 Extent : Severe, ns Extent : Modera			5	\$12,900	
	Location : A Other Observe	ll Elevatio ation, Exte		ea Affecte	d : 100%			
		_	ated Pavement	-	my wan			
Metal Panel	5%			2033	* *	5-10	\$6,400	
Pre-Cast Concrete			\$4,600 vere, Area Affed	LIFE cted: 75%	**	5	\$9,000	
Wood Overhead Doors	10% Paint Peeling, Location: T		ight, Area Affe	2028 cted : 100	\$58,400	5	\$9,200	
Windows								
Aluminum	Broken/Missir	_	\$10,300 ss, Extent : Mod ct Screens Thro		* * ea Affected : 100%	5	\$1,200	
Parapets								
Masonry: Brick	40% N Int Mortar Ma Location : T	iss/Erod, E	\$1,000 Extent : Modera	LIFE te, Area A	* * Affected : 5%	5	\$900	
Pre-Cast Concrete	Jnt Mortar Mi		\$2,400 Extent : Modera Joints Are Dete		* * Affected : 100%	5	\$8,400	
Roof								
Built-Up (BUR)	Miss/Damage				\$54,200 ea Affected : 50% t Multiple Location	ns		
nterior								
Floors	600/		#2.000	LIEE	* *	-	#17.700	
Cast in Place Concrete	Cracking/Cru	_	\$3,900 tent : Moderate The Apparatus	-		5	\$16,600	
Ceramic Tile	10%			2038	* *	5	\$1,300	
Vinyl Tile	Broken/Missir Location : T	hroughout	\$32,200 ss, Extent : Seve Moderate, Area			3	\$1,400	
	Location : T			Ајјестеа	. 10070			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13097

Architecture		Current F	rent Repair Fut		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	20%	2-4	\$11,600	LIFE	* *			
	Water Per	ietration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	i : Pipe And	l Steel Penetration.	S				
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,800	
Gypsum Board	10%			LIFE	* *	5	\$1,100	
SGFT/Glazed Masonry	40%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$3,700	
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$10,200	2043	* *	5	\$600	
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 25%			
	Location	a: 1st Floor	r Lounge Area					
	Water Per	netration, E	xtent : Moderate, A	Area Affe	ected : 75%			
	Location	a: 1st Floor	r Lounge Area					
Exposed Concrete	70%	2-4	\$5,700	LIFE	* *	5	\$1,400	
1	Paint Peel	ling, Extent	: Moderate, Area	Affected	: 50%			
		ı : Apparatı						
Gypsum Board	10%			LIFE	* *	5	\$1,600	
Syptemic Domes			Extent : Light, Area		l : 25%	Č	Ψ1,000	
			or Bathroom	33				
	Explana	tion : Peeli	ng Path					
Plaster	10%			LIFE	* *	5	\$800	

lectrical	Current Repair	Future Replac	ement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2033	* *	5	\$200	
	Other Observation, Extent : Light, Ar	rea Affected : 100%				
	Location: Basement					
	Explanation: (2) Electric Services.	Ratings Not Visible				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	* *	5	\$200	
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Fused Disc Sw	40%	2031	* *	5	\$100	
Molded Case Bkrs	60%	2031	* *	5	\$100	
Wiring						
Thermoplastic	100%	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13097

Electrical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Under 600 Volts Motor Controllers Locally Mounted	10% Other Observation, Extent : Light, Are Location : 1st Floor Explanation : Overhead Door Opera		5		
No Component	90%				
Ground Grounding Devices Generic	100%	LIFE **	5 \$100		
Stand-by Power Transfer Switches Automatic	100% Other Observation, Extent : Light, Are Location : Basement Explanation : Rating Not Visible	2036 **	1 \$2,600		
Generators Diesel	100% Other Observation, Extent : Light, Are Location : Exterior Side Yard Explanation : 80 Kva	2032 * * * a Affected : 100%	1 \$3,300		
Batteries Lead/Acid	100% Other Observation, Extent : Light, Are Location : Exterior Side Yard Explanation : Within Generator Enc		5 \$300		
Fuel Storage Day Tank	100% Other Observation, Extent : Light, Are Location : Exterior Rear Yard Explanation : Under Generator	2039 **	5 \$1,600		
ighting Interior Lighting Fluorescent	80% T-8 Lamps And Fixtures, Extent : Ligh Location : Throughout	2023 \$18,200 at, Area Affected : 100%	10 \$6,200		
Incandescent	20% 4+ \$5,400 Damaged Fixtures, Extent: Moderate, Location: Basement And 1st Floor	2028 \$10,700 Area Affected : 50%	2		
Exterior Lighting HID	50% Other Observation, Extent: Light, Are Location: Exterior Explanation: Switch Operated	2023 \$15,800 to Affected : 100%	10		
Incandescent	50% Other Observation, Extent: Light, Are Location: Exterior Explanation: Switch Operated	2028 \$13,400 va Affected : 100%	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13097

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection						
Arresters/Cabling						
Generic	100%	2051	* *	5	\$200	
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic	10%	2028	\$8,700	1-3	\$500	
	Local/Battery Operated Detect, I	Extent : Light, Area A	Affected: 100%	6		
	Location : 2nd Floor					

Mechanical		Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2036	* *	1	\$4,200	
Distribution							
Hot Wtr Piping/Pump	100%		2039	* *	4	\$600	
Terminal Devices							
Convector/Radiator	100%		2036	* *	1	\$2,700	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Window/Wall Unit	60%		2021	\$9,800	1		
No Component	40%						
Ventilation							
Distribution							
Ductwork/Diffusers	60%		LIFE	* *	2-5	\$2,800	
No Component	40%						
Exhaust Fans							
Interior	5%	0-2 \$1	,700 2033	* *	2		
	Unit Inope	rable, Extent : Modero	ate, Area Affecte	ed : 5%			
	Location	: Apparatus Area					
Interior	5%		2028	\$1,700	2		
Roof	90%		2028	\$11,700	2	\$200	
Plumbing				+ ,,		*	
H/C Water Piping							
Brass/Copper	20%		2043	* *	1		
Galvanized Steel	80%		2028	\$27,500	1		
		ervation, Extent : Mod			-		
	Location		, 9J -				
	Explana	ion : No Dielectric Fit	ting Between C	opper And Steel Pi	ne		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13097

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2021	\$4,800	2	\$100	
	Other Observation, Extent: Light, A.	rea Affected	: 100%			
	Location : Cellar					
	Explanation: Two 75 Gallon Water	r Heaters				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2028	\$1,200	4	\$300	
Fixtures						
Generic	100%					
Fire Suppression Sprinkler						
No Component	95%					
Generic	5%	2043	* *	1-2	\$100	
	Other Observation, Extent : Light, A.	rea Affected	: 5%			
	Location : Cellar					
	Explanation : Sprinklers In Cellar . Backflow Preventer.	Storage Room	n Fed From Dom	estic Wat	er Service. No	
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent : Light, A.	rea Affected	: 100%			
	Location: Kitchen					
	Explanation: Over Range					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Address : 1100 ROSSVILLE AVENUE 300 VETERANS ROAD EAST

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIR0018.000 / 13581 Yr Built/Renovated : 2003 /

Area Sq Ft : 20,096 Project Type : FIRE DEPARTMENT

Date of Survey : 09-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7067 Lot : 252 BIN : 5851738

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$89,400	\$179,600
Mechanical		\$117,600
Total	\$89,400	\$297,300
Importance Code A	\$89,400	\$179,600
Importance Code B		\$117,600
Total	\$89,400	\$297,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,700	\$19,500		\$2,400
Interior Architecture	\$56,100	\$1,100	\$1,500	\$4,500
Electrical	\$2,500	\$3,600	\$4,400	\$21,000
Mechanical	\$5,500	\$2,000	\$3,200	\$1,900
Total	\$72,800	\$26,200	\$9,100	\$29,800
Importance Code A	\$9,700	\$20,500	\$1,000	\$3,400
Importance Code B	\$34,000	\$5,700	\$8,100	\$26,400
Importance Code C	\$29,100			
Total	\$72,800	\$26,200	\$9,100	\$29,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13581

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	\$300	
Masonry: Brick Cavity	75%	2-4	\$35,500	LIFE	* *	5	\$19,000	
			d, Extent : Modera	ite, Area	Affected : 100%			
		: Perimete	er Windows					
Metal Panel	5%			2047	* *	5-10	\$8,700	
Metal Coiling Doors	15%	4+	\$4,300	2040	* *	5	\$5,900	
		Dented, E. : Through	ctent : Light, Area A out	Affected .	: 100%			
Stucco Cement	3%	Now	\$4,400	2040	* *	5	\$900	
			Extent : Moderate		ffected : 25%	J	Ψ	
		_	le Of Soffit Over M		•			
Windows			0 00					
Aluminum	98%			2043	* *	5	\$600	
Aluminum	2%			2043	* *	5	*	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Watch C	ommand					
	Explana	ion : Speci	alty Glass					
Parapets								
Metal Rail	60%			2040	* *	5-10	\$32,100	
No Component	40%							
Roof								
Modified Bitumen	100%	2-4	\$53,900	2027	\$179,600			
	-	ig, Extent : : Through	Moderate, Area A out	ffected : .	20%			
			lerate, Area Affecto	ed : 25%				
		: Through		4 66	1 250/			
	_	en/Split, Ex : Through	tent : Moderate, A out	rea Affec	ted : 25%			
nterior								
Floors								
Cast in Place Concrete	40%	4+	\$12,500	LIFE	* *	5	\$26,300	
			: Moderate, Area	Affected .	: 20%			
		: Basemer	t Corridors					
Ceramic Tile	10%			2036	* *	5	\$3,000	
Sheet Vinyl/Rubber	20%			2032	* *	5	\$9,000	
Vinyl Tile	30%			2032	* *	3	\$3,400	

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION

Asset #: 13581

Architecture		Current F	Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%	Now	\$11,200	LIFE	* *			
			xtent : Severe, Ared t Corridor - Found	00				
Concrete Masonry Unit	68%	2-4	\$17,900	LIFE	* *	5	\$6,500	
·	O		ent : Moderate, Ar out Basement	ea Affeci	ted : 15%			
Glass Block	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$1,400	
Metal Panel	2%			LIFE	* *			
Ceilings								
Exposed Concrete	30%	2-4	\$14,500	LIFE	* *	5	\$1,400	
•	Diagonal C	Cracks, Ext	ent : Light, Area A	ffected :	10%			
	Location	: Basemen	t Ceiling Throughd	out				
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$1,900	
Metal Panel	25%			LIFE	* *	5	\$9,400	

	Current Repair	Future Repl	acement	М	aintenance	_
vstem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts						
Service Equipment						
Fused Disc Sw	75%	2047	* *	5	\$100	
	Other Observation, Extent : Mo Location : Electrical Room					
	Explanation : Main Service D	isconnect Switch Rated		eres.		
Photovoltaic Panel(s)	25%	2036	* *	1		
	Other Observation, Extent : Mo	oderate, Area Affected :	100%			
	Location: Basement And Roo	f				
	Explanation : Photovoltaic Pa Electric Room In Basement	unels Observed On Roof	f. Photovolta	ic Equip	ment Observed In	
Switchgear / Switchboard						
Fused Disc Sw	100%	2047	* *	5	\$100	
	100%	2047	* *	5	\$100	
Fused Disc Sw Raceway Conduit	100%	2047 2047	* *	5 1	\$100	
Raceway				5	\$100	
Raceway Conduit				5 1 5	\$100	
Raceway Conduit Panelboards	100%	2047	**	1	\$100 \$500	
Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	100%	2047	**	1 5		
Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	100%	2047	**	1 5		
Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	100% 5% 95%	2047 2043 2043	**	1 5		
Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers	100% 5% 95%	2047 2043 2043	**	1 5		
Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted	100% 5% 95% 100%	2047 2043 2043 2047	**	1 5 5	\$500	
Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers	100% 5% 95% 100%	2047 2043 2043 2047	**	1 5 5	\$500	

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Asset #: 13581

Electrical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power					
Transfer Switches					
Automatic	100%	2040 **	1	\$6,200	
Generators	1000/	2026 **		Φ7.000	
Diesel	100%	2030	1	\$7,800	
	Other Observation, Extent : Moderate, Location : Rear Yard	Area Affectea : 100%			
		Date d @ 901m.a			
D-#:	Explanation : Emergency Generator F	катеа @ 80кvа			
Batteries Lead/Acid	100%	2021 \$1,500	5	\$700	
Lead/Acid	Other Observation, Extent : Light, Area		3	\$700	
	Location : Exterior Rear Yard	Ajjecieu . 10070			
	Explanation: Within Generator Enclo	gura			
Fuel Storage	Explanation : Within Generator Encio	sur c			
Main Tank	100%	2055 **	5	\$600	
Widin Tunk	Other Observation, Extent: Moderate, A		3	φοσσ	
	Location : Outside				
	Explanation : 60 Gallons Rated Capac	city			
Lighting	T				
Interior Lighting					
Fluorescent	98%	2032 **	10	\$18,100	
	T-8 Lamps And Fixtures, Extent: Light,	Area Affected : 100%			
	Location: Throughout The Building				
Fluorescent	2%	2032 **	10	\$400	
	Compact Fluorescent Light, Extent : Me			,	
	Location: Staircase				
Egress Lighting					
Emergency, Service	50%	2032 **	1		
Exit, LED	50%	2055 **	1		
Exterior Lighting					
HID	20%	2032 **	10		
No Component	80%				
Lightning Protection					
Arresters/Cabling					
Generic	100%	2055 **	5	\$600	
Alarm					
Fire/Smoke Detection				.	
Generic, Digital	100%	2032 **	1-3	\$12,400	
	Other Observation, Extent: Moderate, A	Area Affected : 100%			
	Location: Throughout The Building				
	Explanation : Strobe Lights, Manual I	Pull Stations, Alarm Bells,	Horns An	d Strobe Lights	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Heating

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13581

Mechanical		Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priority
Heating	•		•				
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Furnace	50%		2027	\$22,100	1	\$5,000	
		ervation, Extent : Light, Area	a Affected	: 50%			
	Location	=					
		ion : 5 Roof Top Package Ur					
Hot Water Boiler	50%		2044	* *	1	\$5,000	
		ervation, Extent : Light, Area	a Affected	: 50%			
		: Basement Boiler Room					
	Explanat	ion : 1 Unit					
Distribution /P	5001		20.42	* *	4	0500	
Hot Wtr Piping/Pump	50%		2043	* *	4	\$700	
No Component	50%						
Terminal Devices	100/		• • • •	di di		4-00	
Convector/Radiator	10%		2040	**	1	\$700	
Unit Heater - Steam		Now \$2,700	2027	\$26,900	4	\$700	
		ervation, Extent : Severe, Are	ea Affecteo	d : 20%			
		: Garage Area					
		ion : Not Functioning					
No Component	50%						
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Ext Pkg Unit -	50%		2027	\$117,600	2	\$600	
Heating/Cooling							
		gerant, Extent : Light, Area A	Affected : .	50%			
	Location	: 5 Package Units, Roof					
Split Unit	10%		2035	* *			
	Other Obs	ervation, Extent : Light, Area	a Affected	: 10%			
	Location	: Roof					
	Explanat	ion: 2 Units. R-410a					
No Component	40%						
Terminal Devices							
Fan Coil - 2 Pipe	10%		2035	* *	1	\$700	
No Component	90%		-			7.53	
Heat Rejection							
Dry Cooler	10%		2035	* *	2	\$1,400	
No Component	90%					, ,	
Ventilation							
Distribution							
Ductwork/Diffusers	60%		LIFE	* *	2-5	\$6,700	
No Component	40%					. , .	
Exhaust Fans							
Roof	100%		2027	\$31,200	2	\$600	
				, - 0		+	

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Asset #: 13581

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2025	\$11,500	2	\$300	
	Other Observation, Extent : Light,	00	100%			
	Location : Cellar Mechanical Re					
	Explanation: Two 75 Gallon We	ater Heaters				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2032	* *	4	\$1,200	
Backflow Preventer						
Generic	100%	2032	* *	1	\$1,200	
Fixtures						
Generic	100%					
	Other Observation, Extent : Light,	, Area Affected : I	10%			
	Location : Apparatus Area					
	Explanation : Apparatus Area D	rinking Fountain	Not Operating			
Fire Suppression						
Sprinkler						
No Component	80%					
Generic	20%	2047	* *	1-2	\$1,100	
Chemical System						
Generic	100%	2025	\$1,900	1-3	\$4,000	
	Other Observation, Extent : Light,	, Area Affected : 1	100%			
	Location : Kitchen					
	Explanation: 1 Set Unit					

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 17/LADDER CO.18 (COMBINED FACILITY)

Address : 25 PITT STREET @ DELANCEY ST

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 14,780 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 342 Lot : 60 BIN : 1004078

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$109,400	
Interior Architecture		\$97,000
Electrical		\$67,100
Total	\$109,400	\$164,100
Importance Code A	\$109,400	
Importance Code B		\$164,100
Total	\$109,400	\$164,100

1000	\$107,400	\$104,100

		\$700
\$2,000	\$8,900	\$3,900
\$2,000	\$8,900	\$4,600
\$1,400	\$7,500	\$1,100
\$600	\$600	\$700
	\$900	\$2,700
FY 2020	FY 2021	FY 2022
	FY 2020	FY 2020 FY 2021



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13013

Architecture		Current	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls Masonry: Brick Metal Panel Metal Coiling Doors		Now ssing Elen : Front Fo	\$4,900 nents, Extent : Mod	LIFE 2048 2033 erate, Ar	* * * * * * rea Affected : 20%	5 5-10 5	\$16,200 \$1,200 \$700		
Windows	Locuiton	. 1 1011110	icuic						
Steel	Other Obs Location	Now ervation, E : Through ion : Dete		2053 ea Affecte	* * ed : 100%	5	\$13,100		
Parapets Masonry: Brick	000/			LIEE	* *	5 10	\$26,200		
Metal Panel	Broken/Mi	Now ssing Elen : Fron Fa	\$2,300 nents, Extent : Ligh cade	LIFE 2048 t, Area A	** ffected : 10%	5-10	\$36,200 \$1,100		
Roof									
Built-Up (BUR)	100%			2033	* *	10	\$16,500		
Interior									
Floors Cast in Place Concrete	Cracking/	_	\$19,000 Extent : Moderate oor, No Access To	-	-	5	\$20,000		
Ceramic Tile	5%			2037	* *	5	\$1,100		
Quarry Tile	5%			2041	* *	5	\$1,700		
Vinyl Tile	Cracking/	Now Crumbling, : Second I	\$4,800 Extent : Light, Ard Floor	2028 ea Affect	\$97,000 ed:10%	3	\$4,300		
Interior Walls									
Ceramic Tile	5%			2037	* *	5	\$1,400		
Concrete Masonry Unit		N.T.	ф1 000	LIFE	* *	5	\$10,300		
Gypsum Board	Cracking/	Now Crumbling, : Second I	\$1,800 Extent : Light, Ard Floor	LIFE ea Affect		5	\$2,600		
Plaster	Cracking/	Now Crumbling, : Second I	\$3,400 Extent : Light, Ard	LIFE ea Affect	* * ed : 10%	5	\$1,300		
SGFT/Glazed Masonry	20%			LIFE	* *	10	\$2,900		
Ceilings									
AcousTileSusp.Lay-In	Cracking/	Now Crumbling, : Through	\$12,900 Extent : Light, Ard out	2033 ea Affect	* * ed : 10%	5	\$8,000		
Exposed Concrete	25%			LIFE	* *	5-10	\$7,100		
Plaster	5% Cracking/	Now Crumbling, : Second 1	\$15,000 Extent : Severe, A Floor	LIFE	* * cted : 100%	5	\$700		

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Asset #: 13013

Architecture	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2041	* *			
Parking/Driveway							
Cast in Place Concrete	100%		2041	* *			

Electrical	Current Repair	Futur	e Replacement	M	laintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts	<u>'</u>	· ·					
Service Equipment							
Not Accessible	100%						
	Other Observation, Extent : L	ight, Area Affected	: 0%				
	Location:						
	Explanation: Electrically F	eed From The Adja	cent Building (Pol	ice Prec	inct)		
Switchgear / Switchboard							
Not Accessible	100%						
	Other Observation, Extent : L	ight, Area Affected	: 0%				
	Location:						
	Explanation: Electrically F	eed From The Adja	icent Building (Pol	ice Prec	inct)		
Raceway							
Conduit	20%	2048	* *	1			
Conduit	80%	2028	\$25,000	1			
Panelboards							
Fused Disc Sw	5%	2027	\$1,900	5			
Molded Case Bkrs	15%	2044	* *	5	\$100		
Molded Case Bkrs	80%	2027	\$30,800	5	\$300		
Wiring							
Thermoplastic	20%	2048	* *	1			
Thermoplastic	80%	2028	\$22,200	1			
Motor Controllers							
Locally Mounted	100% Now \$ Other Observation, Extent: S Location: Roof Explanation: Not Functioni		* * d : 100%	5	\$100		
Lighting							
Interior Lighting							
Fluorescent	96%	2033	* *	10	\$13,000		
	T-8 Lamps And Fixtures, Extent: Light, Area Affected: 100%						
	Location: Throughout The I	Building					
Fluorescent	2%	2033	* *	10	\$300		
	Compact Fluorescent Light, Extent : Light, Area Affected : 100%						
	Location : Office						
Fluorescent	2%	2023	\$800	10	\$300		
	T-12 Lamps And Fixtures, Ext		•		42.00		
	Location : Office	*	55				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13013

Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Exit, Service	100%	2023	\$1,600	1		
Exterior Lighting						
Fluorescent	75%	2023	\$35,500	10	\$1,000	
	Other Observation, Extent : Ligh	t, Area Affected : 10	0%			
	Location : Outside					
	Explanation: 6- CFL (Compac	t Fluorescent Light I	Fixtures)			
LED	25%	2036	* *			
	Other Observation, Extent : Ligh	t, Area Affected : 10	0%			
	Location : Outside					
	Explanation: 2- LED Light Fix	ctures				
Alarm						
Security System						
Generic	100%	2036	* *	1	\$5,500	
	Other Observation, Extent : Light, Area Affected : 100%					
	Location : Outside					
	Explanation : 4 CCTV Surveille	ance Cameras				

Mechanical	Current Repair Future Replacement		e Replacement	M	aintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Not Accessible	100%						
	Other Observation, Ex	tent : Light, Area	Affected	: 0%			
	Location : Other Side	e Of Building					
	Explanation : Supplie	ed From 7th Prec	inct				
Conversion Equipment							
Not Accessible	100%						
	Other Observation, Ex	tent : Light, Area	Affected	: 0%			
	Location : Supplied F	From The Precinc	t				
	Explanation : Inadeq	uate Heat Supply					
Distribution							
Hot Wtr Piping/Pump	100%		2044	* *	4	\$1,100	
Terminal Devices							
Convector/Radiator	90% Now	\$3,300	2041	* *	1	\$3,900	
	Malfunctioning, Extent	: Moderate, Ared	a Affecte	d:5%			
	Location: Control Sy	stem In The Prec	inct				
Fan Coil Unit/Heat	10% Now	\$1,000	2033	* *	1	\$400	
	Malfunctioning, Extent	: Moderate, Ared	a Affected	d : 5%			
	Location : Control Sy	stem In The Prec	inct				

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13013

Mechanical	Current Repa	ir Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning Energy Source Not Accessible	100% Other Observation, Extent Location : Other Side Of Explanation : Supplied I	f Building	1:0%			
Conversion Equipment Window/Wall Unit Not Accessible	50% 50% Other Observation, Extend Location : Other Side Of Explanation : Supplied I	f Building	\$14,400 1:0%	1		
Distribution						
Ductwork/Diffusers Terminal Devices Not Accessible	100% 100% Other Observation, Extent Location : Other Side Of Explanation : Supplied 1	f Building	1:0%	2	\$24,000	
Heat Rejection Not Accessible	100%	Tom / in Freemer				
entilation Distribution Ductwork/Diffusers Exhaust Fans Roof	100% 100% Now Broken, Extent: Moderate	LIFE \$2,300 2033	**	2-5	\$13,100 \$400	
umbing	Location: Kitchen - On					
H/C Water Piping Brass/Copper	100% Now Leak Evident, Extent : Mo Location : Kitchen	\$5,200 2054 derate, Area Affected	**	1		
Water Heater Electric	100% 0-2 Leak Evident, Extent: Sev Location: 1st Floor Nur Other Observation, Extent Location: 1st Floor Explanation: 2 - 119 Ga	nber I Hot Water Hea t : Light, Area Affected	ter	4	\$100	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100% Now Blockage /Clogged, Exten Location : Apparatus Ro	\$1,400 LIFE t : Moderate, Area Aff		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13013

Mechanical	Current Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Fixtures							
Generic	100%						
	Obsolete Fixtures, Extent : Severe, A	rea Affected	: 40%				
	Location: Bathroom, Second Floor	r					
Fire Suppression							
Standpipe							
Generic	100%	2048	* *	1-5	\$7,500		
Sprinkler							
No Component	50%						
Generic	50%	2048	* *	1-2	\$2,100		
Fire Pump							
Not Accessible	100%						
Chemical System							
Dry	10%	2021	\$200	1-3	\$400		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Kitchen						
	Explanation: Model Rg-4gs						
No Component	80%						
Generic	10%	2023	\$200	1-3	\$400		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Throughout						
	Explanation: Fire Extinguishers						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 360

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 201/LADDER CO. 114

Address : 5113 4th AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.201 / 13098 Yr Built/Renovated : 2009 /

Area Sq Ft : 17,800 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 799 Lot : 5 BIN : 3013535

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$500		\$2,900	\$4,200
Interior Architecture	\$7,200	\$100		
Electrical	\$1,200	\$1,200	\$3,400	\$1,500
Mechanical	\$30,900	\$2,200	\$10,500	\$2,400
Total	\$39,900	\$3,600	\$16,800	\$8,100
Importance Code A	\$2,900	\$900	\$3,700	\$5,100
Importance Code B	\$35,000	\$2,700	\$13,000	\$3,000
Importance Code C	\$1,900			
Total	\$39,900	\$3,600	\$16,800	\$8,100



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13098

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$13,000	
Metal Panel	10%			2036	* *	5-10	\$10,500	
Metal Panel	5%			2052	* *	5-10	\$5,300	
Windows								
Aluminum	100%			2042	* *	5	\$700	
Parapets /T	100/			LIEE	ىك بك	-	Φ.600	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$600	
Masonry: Brick	90%			LIFE	* *	5	\$700	
Roof	0.50/	N.T.	Φ.5.0.0	2021	* *			
Modified Bitumen	95%		\$500	2031				
		, 0	ent : Moderate, Are	га Ађесте	ea: 20%			
a	Location :	Low Koo)	• • • • •	de de	10	4000	
Skylight, Metal/Glass	5%			2046	* *	10	\$800	
nterior								
Floors	200/	4.	#200	LIEE	* *	-	Ф2 200	
Cast in Place Concrete	30%	4+	\$300	LIFE		5	\$3,300	
			xtent : Light, Area		: 5%			
		Аррагап	ıs Floor And Basei					
Ceramic Tile	5%		4.00	2035	* *	5	\$200	
Panel/Paver: Concrete		Now	\$300	2046	**			
		_	ents, Extent : Mod	erate, Ar	ea Affected : 15%)		
		inner Co	urtyard Area		4. 4.			
Wood	60%			2054	* *	5	\$5,600	
Interior Walls	-0.4				4. 4.			
Cast in Place Concrete	5%	2.4	Ø1 500	LIFE	* *		#200	
Concrete Masonry Unit	10%	2-4	\$1,500	LIFE		5	\$300	
			xtent : Light, Area		: 2%			
	-		t Entry Stairs, Bot					
Gypsum Board	75%		\$400	LIFE	* *	5	\$3,100	
			: Light, Area Affe	cted : 2%				
	Location :			1.00	20/			
			xtent : Light, Area	Affected	: 2%			
	Location :	Stairwell						
Wood	10%			LIFE	* *	5	\$2,700	
Ceilings								
AcousTileSusp.Lay-In	55%			2039	* *	5	\$2,700	
Embossed Metal	30%			LIFE	* *	5	\$700	
Gypsum Board	10%	0-2	\$500	LIFE	**	5	\$600	
	Location :	Basemen						
			xtent : Light, Area	Affected	: 2%			
			Bunk Room.					
	Explanation	on : Paint	Peeling.					
Wood	5%			LIFE	* *	5	\$2,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13098

Electrical	Current Repair	Future Repla	cement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Area Location : Basement Explanation : 600 Amperes	2052 a Affected : 100%	* *	5	\$100	
Switchgear / Switchboard Molded Case Bkrs	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 600 Amperes	2052 a Affected : 100%	* *	5	\$500	
Raceway Conduit Panelboards	100%	2052	* *	1		
Molded Case Bkrs Wiring	100%	2048	**	5	\$500	
Thermoplastic Motor Controllers	100%	2052	* *	1		
Ground Counted Counted Counted Counter	100%	2043	* *	5	\$100	
Grounding Devices Generic Stand-by Power	100%	LIFE	* *	5	\$300	
Transfer Switches Automatic	100% Other Observation, Extent: Light, Area Location: Electrical Room (Basemen Explanation: One (1) 600 Amperes (t)	* *	1	\$5,500	
Generators Diesel	100% Other Observation, Extent: Light, Area Location: Generator Room (Basemen Explanation: 117.3 Kw	2039 a Affected : 100%	* *	1	\$6,900	
Batteries Lead/Acid	100%	2021	\$1,500	5	\$700	
Fuel Storage Main Tank	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 25 Gallon Tank	2061 a Affected : 100%	* *	5	\$500	
Lighting Interior Lighting Fluorescent	. 100% T-8 Lamps And Fixtures, Extent : Light Location : Throughout The Building	2034 , Area Affected : I	**	10	\$16,300	
Egress Lighting Emergency, Battery Exit, Battery	50% 50%	2034 2034	* *	10 10	\$2,100 \$600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13098

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting Exterior Lighting HID	100%	2031 **	10 \$100	

Mechanical		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2046	* *	1		
Conversion Equipment Furnace		Now ervation. F	\$2,000 Extent : Moderate, 1	2031 Area Affe	* *	1	\$4,000	
		: 6 Roof T						
		-	oing Control Issues					
Hot Water Boiler	50%			2039	* *	1	\$4,400	
Distribution Ductwork/Diffusers	Needs Cle	Now aning, Exte	\$10,900 ent : Moderate, Are out	LIFE a Affecte	* * ed : 100%	2-5	\$5,000	
Hot Wtr Piping/Pump	50%			2042	* *	4	\$400	
Terminal Devices Convector/Radiator	95%			2039	**	1	\$5,500	
Fan Coil Unit/Heat Air Conditioning	5%			2026	\$12,500	1	\$300	
Energy Source Electricity	100%			2048	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	95%	Now	\$9,900	2031	* *	2	\$800	
Training Cooming	R-22 Refri Location	_	tent : Light, Area A	ffected :	100%			
		ervation, E : Roof Top	Extent : Moderate, A o Units	Area Affe	ected : 100%			
		ion : Ongo	oing Control Issues,		410a			
Split Unit	5%			2031	* *			
Distribution Ductwork/Diffusers	Needs Cle	Now aning, Exte : Through	\$6,300 ent : Moderate, Are	LIFE a Affecte	* * ed : 100%	2	\$16,200	
Ductwork/Diffusers	30%	. Imough		LIFE	* *	2	\$6,900	
Ventilation	30/0			LIII			\$0,500	
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,900	
Exhaust Fans Roof Plumbing	100%			2031	* *	2	\$500	

Plumbing

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13098

Mechanical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$10,200	2	\$300	
	Other Observation, Extent: Light, A	Area Affected :	100%			
	Location: Basement					
	Explanation: 2 - 120 Gallon Unit.	s				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2031	* *	4	\$600	
	Other Observation, Extent: Light, A	Area Affected :	100%			
	Location: Basement					
	Explanation: Duplex Unit					
Backflow Preventer						
Generic	100%	2031	* *	1	\$1,100	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	50%					
Generic	50%	2046	* *	1-2	\$2,500	
Chemical System						
Generic	100%	2024	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 202/LADDER CO. 101

Address : 31 RICHARDS STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.202 / 13099 Yr Built/Renovated : 1959 /

Area Sq Ft : 9,048 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 505 Lot : 60 BIN : 3008224

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$85,800	
Interior Architecture		\$40,200
Electrical		\$19,200
Mechanical	\$65,200	\$90,300
Total	\$151,000	\$149,800
Importance Code A	\$151,000	
Importance Code B		\$149,800
Total	\$151,000	\$149,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,300			\$4,800
Interior Architecture	\$53,100	\$200		\$1,100
Electrical	\$4,000	\$3,200	\$700	\$7,000
Mechanical	\$30,800	\$10,000	\$900	\$800
Site Enclosure	\$1,300			
Total	\$103,600	\$13,500	\$1,600	\$13,800
Importance Code A	\$14,300	\$400	\$400	\$5,300
Importance Code B	\$74,400	\$12,800	\$1,100	\$8,500
Importance Code C	\$14,800	\$200		
Total	\$103,600	\$13,500	\$1,600	\$13,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13099

Architecture	Current Repair Future Replace		lacement		aintenance		
System Component Type	% of Fail Date Es Total (Years)		Tear Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	 0/ 3-			4. 4.	_	44.400	
Masonry: Brick	75% Now Diagonal Cracks, Extent Location: Throughout Int Mortar Miss/Erod, E Location: Throughout Caulking Deteriorated, I Location: All Masonry	: Severe, Area Aff xtent : Moderate, A All Facades Extent : Moderate,	Area Affected		5	\$14,200	
Masonry: Limestone	20% 0-2 Jnt Mortar Miss/Erod, E Location : Richards Str	xtent : Severe, Are	IFE a Affected : 7:	**	5	\$2,800	
Wood Overhead Doors	5%	2	032	* *	5	\$4,700	
Windows							
Aluminum	90% 4+ Corrosion/Rusting, Extended Location: Insect Screen	nt : Moderate, Are		**	5	\$200	
Glass Block	10% 4+ Jnt Mortar Miss/Erod, E Location: Stair/ Hose	xtent : Light, Area	IFE Affected : 509	* *	5		
Parapets							
Masonry: Brick	65%	L	IFE	* *	5	\$800	
Masonry: Limestone	10%	L	IFE	* *	5	\$200	
Metal Panel	15% Other Observation, Exte. Location: Main Roof Explanation: Metal Co	nt : Light, Area Afj		* *	5	\$700	
Wood Rail	10% Now Broken/Missing Element Location: Side Yard E Loose/Miss Fasteners, E Location: 1st Floor Ro Worn/Eroded, Extent: S Location: 1st Floor Ro	s, Extent : Severe, levation xtent : Moderate, A pof evere, Area Affecte	Area Affected		5	\$900	
Roof							
Modified Bitumen	90% 0-2 Blisters, Extent : Modera Location : Several Loca	ite, Area Affected .		* *			
Traffic Topping	10% Other Observation, Exte Location: Outdoor Pa Explanation: Wood Do	nt : Light, Area Afj tio Roof At Rear O		* *	10	\$2,100	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13099

Architecture	Cur	rent Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type		Date Est	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior		ı						
Floors								
Cast in Place Concrete	50% 0- Cracking/Crum Location : App Spalling, Extent Location : App Water Penetrati Location : Cel	bling, Exte paratus Fl t : Modera paratus Fl ion, Extent	oor And Cella te, Area Affec oor	r Stairs ted : 5%		5	\$14,800	
Ceramic Tile	5% 0- Cracking/Crum Location : Bat	bling, Exte	\$1,300 ent : Light, Ar	2030 ea Affecte	* * d : 10%	5	\$300	
Quarry Tile	5% 0- Cracking/Crum Location : Kit	bling, Exte	\$1,900 ent : Moderate	2032 e, Area A <u>f</u>	* * fected : 10%	5	\$500	
Sheet Vinyl/Rubber	5%			2027	\$20,100	5	\$1,000	
Vinyl Tile	35% 0- Broken/Missing Location : 2nd Cracking/Crum Location : At Worn/Eroded, E Location : 2nd	Elements, d Floor bling, Exte Vinyl Wall Extent: Mo	ent : Moderate Base Throug	e, Area A <u>f</u> hout	fected : 75%	3	\$1,800	
Interior Walls								
Cast in Place Concrete	15% 0- Paint Peeling, F Location: The Water Penetrati Location: The Other Observat	Extent: Mo roughout (ion, Extent roughout (ion, Exten	Cellar : Moderate, 1 Cellar	Area Affe	cted : 20%			
	Location : Cel Explanation :		ors And Jamb.	Are Rus	ted			
Ceramic Tile	Explanation: 5%		ors And Jamb.	2030	* *	5	\$500	
Gypsum Board	Explanation: 5% 3%	Metal Doo		2030 LIFE	* *	5 5	\$500 \$200	
	Explanation: 5%	Metal Doo DW s/Erod, Ex	\$3,800	2030 LIFE LIFE	* * * *			
Gypsum Board	Explanation: 5% 3% 10% No Int Mortar Miss	Metal Doo ow s/Erod, Ex. sement ow bling, Exte	\$3,800 tent : Severe, \$500 ent : Severe, A	2030 LIFE LIFE Area Affe	* * * * * cted : 10%			
Gypsum Board Masonry: Brick	Explanation: 5% 3% 10% No Int Mortar Miss Location: Bas 30% No Cracking/Crum	Metal Doo ow s/Erod, Ex. sement ow bling, Exte	\$3,800 tent : Severe, \$500 ent : Severe, A	2030 LIFE LIFE Area Affe	* * * * * cted : 10%	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13099

Architecture		Current F	Repair	Futu	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In		Now	\$2,200	2032	* *	5	\$700	
		_	ents, Extent : Mod		rea Affected : 25%			
	Location	: 1st Floor	Gymnasium And I	Lounge				
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d: 10%			
	Location	: Gymnasi	um 1st Floor					
Exposed Concrete	50%			LIFE	* *	5	\$1,100	
•	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 50%			
	Location	: Apparati	ıs Area					
Plaster	40%			LIFE	* *	5	\$3,400	
Site Enclosure								
Fence/Gates								
Chain link	70%			2037	* *			
Wood	30%	2-4	\$1,300	2028	\$4,400			
			ents, Extent : Mod or Rear Patio	erate, Ai	rea Affected : 25%			
	Dry Rot/D	ecay, Exter	it : Moderate, Ared	ı Affecte	d : 25%			
	Location	: 2nd Floo	or Rear Patio	55				
Free Standing Walls								
Cast in Place Concrete	100%			2047	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Lig	ht, Area Affected .	: 100%			
	Location: Basement Electrica	ıl Room				
	Explanation: 200 Amp					
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	50%	2026	\$19,200	5	\$100	
Molded Case Bkrs	25%	2035	* *	5	\$100	
Molded Case Bkrs	25%	2043	* *	5	\$100	
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5	\$100	
	Other Observation, Extent : Lig	ht, Area Affected .	100%			
	Location: 1st Floor					
	Explanation: Motor Controlle	er For 1 Overhead	l Door			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13099

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Light, Area	Affected:	100%			
	Location: Basement					
	Explanation: 3 Ground Devices					
tand-by Power						
Transfer Switches						
Automatic	100%	2032	* *	1	\$2,800	
	Other Observation, Extent : Light, Area	Affected :	100%			
	Location: Basement					
	Explanation: Rating Not Visible					
Generators	1000/	2022	ala de		** -**	
Diesel	100%	2030	**	1	\$3,500	
	Other Observation, Extent : Light, Area	Affected:	100%			
	Location: Exterior - Side Yard					
	Explanation : 80 Kva					
Batteries	1000/	•••	44.7 00	_		
Lead/Acid	100%	2020	\$1,500	5	\$300	
Fuel Storage	1000/	2025	ala ala	_	#1.500	
Day Tank	100%	2035	**	5	\$1,700	
	Other Observation, Extent : Light, Area	Affectea :	100%			
	Location: Exterior - Side Yard					
	Explanation : Size Not Visible					
ighting						
Interior Lighting	100/ 0.2	2027	* *			
Fluorescent	10% 0-2 \$2,500	2037				
	Damaged Fixtures, Extent: Moderate, A	Агеа Ајјест	ea : 35%			
	Location: 1st Floor	1 . 4	A.CC . 1 700/			
	Inadequate Lighting Level, Extent: Mod	aerate, Are	a Affectea : 70%			
	Location: Basement And 1st Floor	1	1 1000/			
	T-12 Lamps And Fixtures, Extent: Ligh	t, Area Affe	ected : 100%			
	Location: Basement And 1st Floor					
	85%	2027	\$20,800	10	\$7,100	
Fluorescent			-		. ,	
Fluorescent	T-8 Lamps And Fixtures, Extent: Light,		-		. ,	
Fluorescent			-		. ,	
Fluorescent Incandescent	T-8 Lamps And Fixtures, Extent: Light,		-	2	. ,	
	T-8 Lamps And Fixtures, Extent: Light, Location: Throughout	Area Affec	\$2,900	2		
	T-8 Lamps And Fixtures, Extent : Light, Location : Throughout 5%	Area Affec	\$2,900	2		
	T-8 Lamps And Fixtures, Extent: Light, Location: Throughout 5% Other Observation, Extent: Light, Area	Area Affect 2022 Affected :	\$2,900	2		
	T-8 Lamps And Fixtures, Extent: Light, Location: Throughout 5% Other Observation, Extent: Light, Area Location: Lounge Area Of 1st Floor	Area Affect 2022 Affected :	\$2,900	2		
Incandescent	T-8 Lamps And Fixtures, Extent: Light, Location: Throughout 5% Other Observation, Extent: Light, Area Location: Lounge Area Of 1st Floor	Area Affect 2022 Affected :	\$2,900	10		

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13099

Electrical		Current Repair	i	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%	Now	\$900	2037	* *	1-3	\$200	
	Devices M	issing, Extent : N	Aoderate, Ar	ea Affecte	ed : 100%			
	Location	: 2nd Floor						
	Local/Batt	ery Operated De	tect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: 2nd Floor						

Mechanical		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
		_	t, Area Affected	: 100%				
 	Location	: Cellar						
Conversion Equipment	1000/	0.0	D < 7. 200	20.45	* *		# 4 000	
Hot Water Boiler	100%		\$65,200	2047		1	\$4,000	
		Extent : Moa : Boiler Shell	erate, Area Affe Lla Callan	ctea : 10	U%o			
				A	. 1 1000/			
	Location		ent : Moderate, l	Area Affe	ctea : 100%			
			(7 . 7					
Distribution	Explana	tion : Heavy v	Vater Intrusion.					
Hot Wtr Piping/Pump	95%			2043	* *	4	\$600	
Hot Wtr Piping/Pump	93% 5%	0-2	\$700	2043	* *	4 4	\$600	
Hot wil Fiping/Fump	_		۶/۵۵ erate, Area Affe		0/2	4		
		: Basement	eraie, mea mye	ciea . 20	70			
Terminal Devices	Locuiton	. Basemeni						
Convector/Radiator	100%	4+	\$13,600	2047	* *	1	\$2,600	
Convector/Radiator			nt : Moderate, 1		cted · 100%	1	\$2,000	
		: Throughout		irea rijje	ciea . 10070			
				eaks Ru	t Life Span Is Limi	ted		
Air Conditioning	2. rp territor		cc.	, 200				
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	50%			2027	\$90,300			
Window/Wall Unit	50%			2020	\$8,800	1		
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$500	
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13099

Mechanical		Current Repair Futur		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	10%			2027	\$1,400	2		
Wall Unit	50%			2032	* *	2	\$100	
No Component	40%							
Plumbing								
H/C Water Piping	020/			2040	* *	1		
Galvanized Steel Galvanized Steel	92% 8%	0-2	\$3,000	2040 2047	* *	1 1		
Gaivanized Steel			\$5,000 oderate, Area Affe			1		
		: Basemen		стей . 10	070			
Water Heater								
Gas Fired	100%			2025	\$5,200	2	\$100	
345 1 1144		ervation, E	xtent : Light, Area		· ·	_	4100	
		: Basemen	_	55				
	Explanat	ion : Two 7	74 Gallon					
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%	2-4	\$12,400	LIFE	* *	1		
		Extent : M : Basemen	oderate, Area Affe t	cted : 20	%			
Storm Drain Piping								
Cast Iron		0-2 Clogged, E : Roof Dra	\$900 Extent : Moderate, sin	LIFE Area Affo	* * ected : 10%	1		
		Extent : M : Basemen	oderate, Area Affe t	cted : 10	%			
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Submersible	Location	: Cellar	xtent : Light, Area			4	\$300	
	Explanat	tion : (2) H	eavy Usage From	Water In	trusion And Under	sized		
Fixtures	1000/							
Generic		Fixtures, Ex : Entire He	tent : Moderate, A ouse	rea Affeo	cted : 100%			
Fire Suppression								
Chemical System								
Wet	10%			2025	\$200	1-3	\$500	
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 205/LADDER CO. 118

Address : 74 MIDDAGH STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Apr-2016 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 216 Lot : 22 BIN : 3001600

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$40,500
Total		\$40,500
Importance Code A		\$40,500
Total		\$40,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,800			\$2,600
Interior Architecture	\$2,500	\$1,100		\$200
Electrical	\$1,700			\$200
Mechanical	\$7,400	\$1,000	\$3,300	\$34,100
Total	\$48,500	\$2,200	\$3,300	\$37,100
Importance Code A	\$37,400	\$600	\$600	\$3,200
Importance Code B	\$8,600	\$1,200	\$2,700	\$33,900
Importance Code C	\$2,500	\$300		
Total	\$48,500	\$2,200	\$3,300	\$37,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13101

Architecture	Current Repair		Future R	eplacement	М		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls					_	***	
Masonry: Brick	80% 4+ Spalling, Extent: Lig Location: Over Sia Water Penetration, E Location: At Grad	le Entrance Door Extent : Light, Area	Affected : 25	**	5	\$16,600	
Masonry: Granite	2% 0-2 Jnt Mortar Miss/Eros Location : Through	=	LIFE rea Affected	**	5	\$300	
Masonry: Limestone	13% Now Jnt Mortar Miss/Ero Location : Through Loose Units, Extent : Location : Cornice	out			5	\$2,000	
Wood Overhead Doors	5%		2032	* *	5	\$5,200	
Windows							
Aluminum	100%		2043	* *	5	\$1,900	
Parapets Masonry: Brick	80% 0-2 Spalling, Extent : Lig Location : Main Ro		LIFE 2%	**	5	\$2,100	
Masonry: Limestone	8% 0-2 Jnt Mortar Miss/Ero Location : Through		LIFE rea Affected	**	5	\$300	
Pre-Cast Concrete	12%		LIFE	* *	5	\$2,000	
Roof							
Asphalt Shingle Built-Up (BUR)	25% 75% Now Alligatoring, Extent. Location: Main Ro Water Penetration, E Location: Over Int Other Observation, I Location: Main Ro Explanation: Flash	oof By Chimney Extent : Light, Area erior Stairwell Extent : Moderate, A oof And Lower Roo	Affected : 59	d : 25%	10	\$400	
nterior							
Floors	600/		LIDE	داد علم	-	012 000	
Cast in Place Concrete	60%		LIFE	* *	5	\$12,000	
Ceramic Tile	10%		2030	* *	5	\$900	
Vinyl Tile	30%		2032		3	\$1,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13101

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Ceramic Tile	5%			2030	* *	5	\$600	
Gypsum Board	10%			LIFE	* *	5	\$700	
	-	_	Extent : Light, Area	a Affecte	d : 20%			
	Location	: Basemen	nt And Stairwell					
Masonry: Brick	25%	Now	\$2,500	LIFE	* *			
			ht, Area Affected :					
	Location	: Stairwel	l At Basement Leve	l				
	Water Pen	etration, E	xtent : Light, Area	Affected	: 2%			
	Location	: Stairwel	l At Basement Leve	l				
Plaster	20%			LIFE	* *	5	\$700	
SGFT/Glazed Masonry	25%			LIFE	* *	-	*	
Ceilings								
AcousTileSusp.Lay-In	5%			2032	* *	5	\$500	
Exposed Struc: Steel	35%			LIFE	* *			
Plaster	60%			LIFE	* *	5	\$3,400	
	Repairs in	Progress,	Extent : Light, Area	a Affecte	d: 2%			
		: Stairwel						
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2047	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2032	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2032	* *			

lectrical	Current Repair		Futur	e Replacement	М		
rstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ider 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2047	* *	5		
Switchgear / Switchboard							
Molded Case Bkrs	90%		2047	* *	5	\$100	
Not Accessible	10%						
Raceway							
Conduit	100%		2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13101

Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2043	* *	5		
Molded Case Bkrs	70%			2043	* *	5	\$100	
Molded Case Bkrs	20%			2035	* *	5		
Wiring								
Thermoplastic	100%			2037	* *	1		
Motor Controllers								
Motor Control Center	100%			2032	* *	5	\$200	
Ground								
Grounding Devices								
Generic		Now	\$1,000	LIFE	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		: Basemen						
	Explana	tion : There	e Is No Ground Wir	e Jumpe	r For The Water M	leter.		
Lighting								
Interior Lighting	0.70/				4.7. 100	4.0		
Fluorescent	85%			2027	\$15,400	10	\$4,800	
Incandescent	15%			2027	\$6,400	2		
Egress Lighting								
Emergency, Service	50%			2027	\$1,600	1		
Exit, Service	50%			2027	\$400	1		
Exterior Lighting								
Fluorescent	50%			2027	\$10,700	10	\$300	
LED	50%			2032	* *			
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Digital	5%		\$700	2037	* *	1-3	\$200	
		_	ent : Moderate, Are					
			Locations Around		· ·			
			ted Detect, Extent :	_		%		
	Location	: Various	Locations Around	The Build	ding			

Mechanical	Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2037	* *	1		
	Corroded, Extent : Light, Area Affected	: 100%				
	Location : Cellar					
Conversion Equipment						
Steam Boiler	100%	2025	\$40,500	1	\$6,100	
	Other Observation, Extent : Light, Area	Affected	l : 100%			
	Location: Basement					
	Explanation: 1 Natural Gas Steam Bo	oiler				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13101

Mechanical		Current Repair			e Replacement	М		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Distribution Central Plant Steam Piping/Pmp	100%			2047	* *	4	\$500	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat	Location	Extent : M : Womens				1	\$1,900	
Air Conditioning		ning, Exte	nt : Moderate, Area or Offices	а Ађесте	a : 50%			
Energy Source Electricity	100%			2035	* *	1		
Conversion Equipment Split Unit			ight, Area Affected Condenser	2022 : 25%	\$26,700			
Window/Wall Unit No Component	50% 30%			2022	\$6,500	1		
Distribution Ductwork/Diffusers	100%			LIFE	* *	2	\$8,000	
Ventilation Distribution Ductwork/Diffusers	Needs Cle	Now aning, Exte	\$2,900 ent : Moderate, Are	LIFE a Affecte	** ed : 100%	2-5	\$3,400	
	Location	: Kitchen	Extent : Moderate, 1 Hood nplete Installation	Area Affe	ected : 50%			
Exhaust Fans Interior	20%	ion . Incom	spicie instantanton	2027	\$4,500	2		
Roof	10% Broken, E		\$1,000 lerate, Area Affecte or Bathroom Roof I	2037 ed : 50%	**	2		
Roof Wall Unit No Component	10% 20% 40%			2027 2027	\$1,000 \$400	2 2		
Plumbing H/C Water Piping Galvanized Steel	100%			2032	* *	1		
Water Heater Gas Fired	Location	: Basemer		2025 Affected	\$3,800 !: 100%	2	\$100	
Sanitary Piping Cast Iron	100%	tion : One T	+ Gauon	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 205/LADDER CO. 118

Asset #: 13101

lechanical	Current Repair		Future Re	placement	M	aintenance	
ystem Component Type	% of Fail Date Estin Total (Years)	nated Cost	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
Storm Drain Piping							
Cast Iron	100% Now	\$700	LIFE	* *	1		
	Blockage /Clogged, Extent	: Severe, Area	Affected: 1	00%			
	Location : Outside Alley		30				
Sump Pump(s)							
Submersible	100% Now		2020	\$200	4	\$100	
	Not in Service, Extent : Lig	ht, Area Affec	ted : 100%				
	Location : Basement						
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 206 Address : 1201 GRAND STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.206 / 13102 Yr Built/Renovated : 1976 /

Area Sq Ft : 10,180 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Oct-2011 Landmark Status : NONE

Areas Surveyed :

Block : 2929 Lot : 53 BIN : 3070506

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$64,700	
Electrical	\$104,200	
Total	\$168,900	
Importance Code B	\$168,900	
Total	\$168,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$37,400		\$14,900	
Interior Architecture	\$23,200		\$600	\$1,700
Electrical	\$6,200	\$700	\$19,900	\$800
Mechanical	\$900	\$900	\$5,200	\$16,600
Total	\$67,700	\$1,600	\$40,700	\$19,200
Importance Code A	\$37,900	\$500	\$15,400	\$500
Importance Code B	\$29,800	\$1,100	\$25,200	\$18,300
Importance Code C				\$400
Total	\$67,700	\$1,600	\$40,700	\$19,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 206

Asset #: 13102

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	90%	0-2	\$11,600	LIFE	* *	5	\$19,300	
Masonry: Brick			\$11,000 nt : Moderate, Are			5	\$19,300	
			ni . Moderdie, Are d Door Opening	и Ајјесте	u . 1070			
Wood Overhead Doors	10%	0-2	\$3,400	2036	* *	5	\$5,400	
wood Overhead Doors			: Moderate, Area		. 25%	3	\$5,400	
		: Apparati		Пусстей	. 2370			
Windows	2000000	· · · · · · · · · · · · · · · · · · ·						
Aluminum	100%	Now	\$22,400	2048	* *	5	\$300	
Parapets	10070	11011	Ψ22,100	2010			Ψ300	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$600	
Concrete Masonry Unit	45%			LIFE	* *	5	\$400	
Masonry: Brick	45%			LIFE	* *	5	\$400	
Roof								
Modified Bitumen	100%			2031	* *	10	\$14,900	
erior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$13,300	
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	50%	2-4	\$64,700	2033	**	3	\$2,900	
		led, Extent : Through	: Moderate, Area . out	Affected	: 100%			
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$800	
Concrete Masonry Unit	35%			LIFE	* *	5	\$1,100	
SGFT/Glazed Masonry	55%			LIFE	* *		. ,	
Ceilings								
AcousTileSusp.Lay-In	90%	Now	\$22,200	2040	* *	5	\$6,900	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	: Boiler Re	oom And Througho	ut				
	Misaligned	d/Bulging,	Extent : Moderate,	Area Afj	fected : 90%			
	Location	: Through	out					
	_	_	Extent : Severe, A us Room And Throi		eted : 80%			
Plaster	10%	0-2	\$1,000	LIFE	* *	5	\$1,000	
	Paint Peel	U	: Moderate, Area or Bathroom	Affected	: 25%			
	Explanat	ion : (

Electrical	Current Rep	oair Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cos (Yrs)	t Priority
Under 600 Volts					
Service Equipment Molded Case Bkrs	100%	2023	\$4,800	5 \$300)

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13102

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2022	\$38,500	5	\$300	
	Obsolete Equipment, Extent : Mo		cted : 100%			
	Location: Throughout Firehou	se				
Wiring	1000/	2022	425 5 00			
Thermoplastic	100%	2023	\$27,700	1		
Motor Controllers	1000/	2021	#14 400	~	#100	
Locally Mounted	100%	2021	\$14,400	5	\$100	
Ground						
Grounding Devices Generic	100%	LIFE	* *	5	\$200	
Stand-by Power	10070	LIFE			\$200	
Transfer Switches						
Automatic	100%	2021	\$4,800	1	\$3,100	
Generators			, , , , , , , , , , , , , , , , , , ,		4-7	
Diesel	100%	2019	\$65,700	1	\$3,900	
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$400	
Fuel Storage						
Main Tank	100%	2038	* *	5	\$300	
	Other Observation, Extent: Ligh	t, Area Affected :	100%			
	Location : Mechanical Room					
	Explanation: 275 Gallons					
Lighting						
Interior Lighting	1000/	2022	de - - - - -	10	40.40-	
Fluorescent	100%	2023	\$27,600	10	\$9,300	
	Other Observation, Extent: Ligh	t, Area Affected :	100%			
	Location: Throughout					
Extenion Liebbin -	Explanation: Mostly T-8					
Exterior Lighting HID	50%	2023	\$19,200	10		
HID HID	50% 10%	2023	\$19,200	10		
No Component	40%	2019	\$3,000	10		
140 Component	TO / 0					

Mechanical	Current Repair	Future Repla	acement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$5,000	
Distribution						
Hot Wtr Piping/Pump	100%	2045	* *	4	\$500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 206

Asset #: 13102

Mechanical	Current Repai	Current Repair Future Replace		ent Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices						
Convector/Radiator	95%	2040	* *	1	\$3,100	
Unit Heater - Steam	5%	2031	* *	4	\$100	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Exterior Pkg Unit -	50%	2031	* *	2	\$300	
Cooling						
Window/Wall Unit	50%	2022	\$9,900	1		
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$13,200	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,700	
Exhaust Fans						
Roof	100%	2028	\$15,800	2	\$300	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2022	\$5,800	2	\$200	
		: Light, Area Affected : 100)%			
	Location : Side Utility Re					
	Explanation: 2 - 75 Gall	on Units				
Sanitary Piping	1000/	LIDE	ىلىد بىلىد ماد بىلىد			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/		de de			
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler	0.50/					
No Component	95%	T. 1. 4 400 . 1 000				
	Other Observation, Extent	: Light, Area Affected : 0%				
	Location: Kitchen					
	Explanation : Ansul Syste					
Generic	5%	2049	* *	1-2	\$200	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 209/LADDER CO. 102

Address : 850 BEDFORD AVENUE BET MYRTLE AVE AND PARK AVE
Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 8,727 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1900 Lot : 50 BIN : 3054771

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$9,600
Total		\$9,600
Importance Code B		\$9,600
Total		\$9,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,000	\$1,900		
Interior Architecture	\$40,500	\$700	\$1,100	\$1,200
Electrical	\$3,000	\$200	\$100	\$100
Mechanical	\$29,200	\$700	\$4,300	\$10,000
Total	\$110,600	\$3,500	\$5,500	\$11,300
Importance Code A	\$44,700	\$2,400	\$400	\$500
Importance Code B	\$55,300	\$1,200	\$4,300	\$10,900
Importance Code C	\$10,700		\$800	
Total	\$110,600	\$3,500	\$5,500	\$11,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13104

Architecture		Current Repa	air	Futur	e Replacement	M	Maintenance		
System Component Type		ail Date Es Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls	100/	N.T.	#24.700	LIEE	* *	-	4000		
Masonry: Brick	10%		\$24,700	LIFE		5	\$800		
			e, Extent : Seve ear At Air Con		Affected: 100%				
			ear Ai Air Con at : Severe, Are						
			a . severe, Are ear At Air Con						
					ir Conditioner. Bi	ick Miss	ing And No Lintel		
Masonry: Brick	40%	4+	\$2,000	LIFE	* *	5	\$3,300		
			evere, Area Aff		0%		4-,		
		Front Facad							
Metal Sect. OHD	15%			2040	* *	5	\$3,800		
Pre-Cast Concrete	35%			LIFE	* *	5	\$9,300		
Windows							42,000		
Aluminum	100%	0-2	\$7,700	2035	* *	5	\$500		
		issing, Exten Throughout	nt : Light, Area	ı Affected	: 25%		·		
			xtent : Light, A	Area Affe	cted : 15%				
	Location:	Throughout							
Parapets									
Masonry: Brick	100%	0-2	\$3,600	LIFE	* *	5	\$3,100		
	Efflorescenc	e, Extent : Li	ght, Area Affe	cted : 25%	%				
	Location:	Back Faces (Of Parapets						
			it : Light, Area		: 100%				
	Location:	All Faces Of	The Building	Parapet					
	Explanatio	n : Parapet A	At Facade Is P	recast Co	ncrete				
Roof									
Modified Bitumen	100%			2035	**	10	\$12,500		
	_		Extent : Light,	Area Affe	ected : 100%				
-	Location:	Throughout							
Interior									
Floors	500 /	4.	Ø1 200	LIPP	* *	-	¢12.400		
Cast in Place Concrete	50%	4+	\$1,300	LIFE		5	\$13,400		
		i Surjace, Ex Basement Sto	tent : Light, Ai orage Room	rea А <u></u> ∏есі	ea : 5%				
Ceramic Tile	5%		.0	2036	* *	5	\$600		
Quarry Tile	5%			2030	* *	5	\$900 \$900		
Vinyl Tile	38%	2-4	\$23,700	2040	* *	3	\$1,700		
v myr i ne			oderate, Area			3	\$1,700		
		x, Extent . M Throughout	oueruic, 1116U	пусски.	00/0				
Wood		0 5 0		2055	* *	5	\$500		
Wood	2%			2055		5	\$300		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13104

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2036	* *	5	\$1,700	
Concrete Masonry Unit	15%			LIFE	* *	5	\$1,000	
Masonry: Brick	10%			LIFE	* *			
Plaster	35%	4+	\$900	LIFE	* *	5	\$1,800	
	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 5%			
	Location	: Basemen	t					
	Punct/Tea	r/Impact D	amage, Extent : Lig	ght, Area	ı Affected : 1%			
	Location	: 2nd Floo	r					
SGFT/Glazed Masonry	30%	Now	\$9,800	LIFE	* *			
•	Cracking/0	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Bunkroo	m, Throughout 1st	Floor				
Ceilings								
AcousTileSusp.Lay-In	10%			2032	* *	5	\$1,200	
Exposed Concrete	60%			LIFE	* *	5	\$1,100	
Plaster	30%	Now	\$4,800	LIFE	* *	5	\$2,300	
	Cracking/0	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%		•	
	Location	: Through	out	-				

Electrical	Current Repair	Future R	Future Replacement Maintenance			
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Light,	Area Affected: 10	00%			
	Location : Basement Electrical F	Room				
	Explanation: 400 Amperes Main	n Disconnect Swite	eh			
Raceway						
Conduit	50%	2037	* *	1		
Conduit	50%	2047	* *	1		
Panelboards						
Molded Case Bkrs	75%	2035	* *	5	\$200	
Molded Case Bkrs	25%	2026	\$9,600	5	\$100	
Wiring						
Braided Cloth	50%	2026	\$13,800	1		
Thermoplastic	50%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13104

Electrical	Current Repair	Future Replacement	lacement Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority	
Lighting						
Interior Lighting	000/					
Fluorescent	90% 4+ \$1,100	2027 \$21,300				
	Damaged Fixtures, Extent: Light, Area	Affected: 50%				
	Location: 2nd Floor Locker Room T-8 Lamps And Fixtures, Extent: Light,	Area Affected , 1000/				
	Location: Throughout	Area Ajjeciea . 100%				
T 1		2037 **				
Incandescent	10% Now \$1,700 Inadequate Lighting Level, Extent : Sev		2			
	Location: Sitting Room	ere, Area Ajjeciea . 100/0				
	Obsolete Fixtures, Extent: Light, Area	Affected : 100%				
	Location: Sitting Room	Typected (10070				
Egress Lighting						
Emergency, Service	5%	2032 **	1			
	Other Observation, Extent : Light, Area	Affected : 5%				
	Location: In Chief Bathroom, Laundr	y Room And Women Locke	r Room C	On The 2nd Floor		
	Explanation: Emergency Lighting					
No Component	95%					
Exterior Lighting						
HID	50%	2027 \$16,500	10			
	Other Observation, Extent : Light, Area Location : Facade And Side Wall	Affected : 100%				
	Explanation: Wall Mounted, Control	led Via Time Clock				
HID	50%	2032 **	10			
Alarm						
Security System						
No Component	90%					
Generic	10%	2032 **	1	\$300		
	Other Observation, Extent : Light, Area Location : Above Front Door	Affected: 100%				
Fire/Smoke Detection	Explanation : One Camera					
No Component	90%					
Generic, Analog	10% Now \$200	2032 **	1-3	\$500		
,8	Devices Missing, Extent : Severe, Area			4-00		
	Location : Throuhgout					

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating Energy Source Natural Gas	100%	2047 **	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13104

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating Conversion Equipment Hot Water Boiler Hot Water Boiler	90% 10% Now \$6,300 Malfunctioning, Extent: Moderate, Are Location: Basement, Boiler Controls Other Observation, Extent: Light, Area Location: Basement Explanation: 3 Natural Gas Fueled	Jumped Out To Enable Bot a Affected : 100%		
Distribution Hot Wtr Piping/Pump	100% Other Observation, Extent : Moderate, Location : Throughout Explanation : Aged	2026 \$12,700 Area Affected : 100%	4 \$400	
Terminal Devices Convector/Radiator	75% On Extended Life, Extent : Moderate, A Location : Throughout	2032 ** Area Affected : 100%	1 \$2,100	
Convector/Radiator	5% 0-2 \$400 Damaged, Extent: Moderate, Area Afficacion: Various Locations Throug On Extended Life, Extent: Moderate, A Location: Throughout Facility	hout, Damaged Radiator Co	1 \$100	
Unit Heater - Steam	5% Damaged, Extent: Moderate, Area Affi Location: Gymnasium, Defective Con Recent Repair Evident, Extent: Light, L Location: Weight Room	ntrols 1 Of 3 Unit Heaters	4 \$100	
Unit Heater - Steam	15% Other Observation, Extent: Moderate, Location: Apparatus Floor And Gym Explanation: Units Beyond Useful La	nasium	4 \$200	
Air Conditioning Energy Source Electricity	100%	2043 **	1	
Conversion Equipment Split Unit Window/Wall Unit Window/Wall Unit	20% 30% 10% Now \$1,700 Broken, Extent : Moderate, Area Affect Location : 2nd Floor	2027 \$34,800 2022 \$5,100 2027 \$1,700 ed: 25%	1	
No Component Distribution Ductwork/Diffusers	40% 100% 2-4 \$13,100 Other Observation, Extent: Light, Area Location: Bunk Room Explanation: Needs Cleaning	LIFE ** a Affected : 20%	2 \$11,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13104

Mechanical		Current	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Dehumidifier No Component	90%							
Generic	10%			2028				
Ventilation								
Distribution	1000/			LIDE	* *	. 2.5	# 4.000	
Ductwork/Diffusers			ent : Severe, Area A om, Kitchen Exhai		20%	2-3	\$4,900	
Exhaust Fans								
Interior	On Extena Location Other Obs Location	: Rig Gard ervation, E : 2nd Floo	\$4,400 stent: Moderate, A age, Stairwell Extent: Moderate, or t Exhaust Not Wor	Area Affe		2	\$100	
Roof	Location	: Roof	Extent : Light, Arec Serves Newly Renc			* 2	\$100	
Roof		led Life, Ex	tent : Moderate, A Quarters	2027 rea Affec	\$1,400 ted : 20%	2		
Roof	Malfunctio	Now oning, Exte : Kitchen	\$2,000 nt : Severe, Area A Hood	2037 Affected :	* * 25%	\$ 2		
Plumbing								
H/C Water Piping Brass/Copper	100%			2047	* *	' 1		
Water Heater Gas Fired	Location	: Basemer	Extent : Light, Area at 5 Gallon Units	2025 a Affected	\$5,000	2	\$100	
Sanitary Piping	- T							
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	<u> </u>		
Storm Drain Piping Cast Iron	100%			LIFE	* *	' 1		
Sump Pump(s) Non-Submersible	100%			2022	\$1,200) 4	\$200	
Fixtures Generic	100%							

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 209/LADDER CO. 102

Asset #: 13104

Mechanical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Chemical System Wet		4+ cked, Extent : : Kitchen Hoo	\$500 Moderate, Area	2022 a Affected	\$2,600 1:50%	1-3	\$400	
No Component	90%	. Kuchen Hoc	<i>,</i> u					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 21

Address : 238 EAST 40th STREET BTWN 2ND AVE. - 3RD AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.021 / 13015 Yr Built/Renovated : 1940 /

Area Sq Ft : 3,759 Project Type : FIRE DEPARTMENT

Date of Survey : 30-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 920 Lot : 42 BIN : 1020385

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$49,600	
Electrical		\$48,800
Mechanical		\$59,500
Total	\$49,600	\$108,300
Importance Code A	\$49,600	
Importance Code B		\$108,300
Total	\$49,600	\$108,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,700			\$4,800
Interior Architecture	\$14,100	\$700		\$200
Electrical				\$14,700
Mechanical	\$3,900	\$500	\$500	\$6,300
Total	\$26,700	\$1,200	\$600	\$26,000
Importance Code A	\$9,100	\$400	\$400	\$5,200
Importance Code B	\$16,400	\$700	\$200	\$20,800
Importance Code C	\$1,300	\$200		
Total	\$26,700	\$1,200	\$600	\$26,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13015

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls			*			_	***	
Masonry: Brick	85%	2-4	\$49,600	LIFE	**	5	\$16,500	
			l, Extent : Modera					
			out Side Facades,					
		0 0	Extent : Light, Are	a Affecte	d: 5%			
			At Front Facade	. 1 100	/			
			derate, Area Affec L. Sido Facados	tea : 10%	0			
		: Биікпеас	l, Side Facades					
Masonry: Granite	5%			LIFE	* *	5	\$700	
Wood Overhead Doors	10%			2032	* *	5	\$9,700	
Windows	1000/	N.T.	Ф1 400	2025	* *	-	# 000	
Aluminum		Now	\$1,400	2035		5	\$800	
	•		ent : Moderate, Are ns, Stair Bulkhead		ea : 20%			
D	Locuiton	. Bainroor	ns, statt Butkneda					
Parapets Masonry: Brick	90%			LIFE	* *	5	\$2,000	
Masonry: Limestone	10%			LIFE	* *	5	\$300	
Roof	10/0			LILE			\$300	
Modified Bitumen	08%	Now	\$7,300	2032	* *			
Wodified Ditumen			derate, Area Affect					
		: Through		ca . 2070				
		_	nt : Light, Area Aff	ected : 1.	5%			
			nd Lower Roofs					
Skylight, Metal/Glass	2%			2037	* *	10	\$400	
nterior							4.00	
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$6,000	
Ceramic Tile	5%			2030	* *	5	\$300	
Vinyl Tile	50%			2035	* *	3	\$1,100	
•	Recent Rep	place Evide	ent, Extent : Light,	Area Aff	ected : 100%			
	Location	: Through	out					
Interior Walls								
Ceramic Tile	5%			2030	* *	5	\$400	
Marble Panels		Now	\$600	LIFE	* *			
	Int Mortai	· Miss/Eroc	l, Extent : Light, A	rea Affec	ted : 2%			
	Location	: Shower S	Stalls					
Plaster	50%	Now	\$600	LIFE	* *	5	\$1,200	
	Cracking/	Crumbling,	Extent : Light, Ar	ea Affecto	ed : 10%		-	
	Location	: Through	out And Stairwell	To Basen	ient			
	Paint Peel	ing, Extent	: Light, Area Affe	cted : 15	%			
	Location	: Through	out And Hose Tow	er				
SGFT/Glazed Masonry	40%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13015

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2032	* *	5	\$300	
Exposed Concrete	20%	Now	\$11,700	LIFE	* *	5	\$200	
			Extent: Light, Are	ea Affect	ed : 10%			
	Location	: Basemen	nt .					
	Exposed F	Reinforceme	ent, Extent : Severe	, Area A	ffected : 6%			
	Location	: Hose To	wer And Basement					
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	ed : 30%			
	Location	: Apparati	us Floor/ Basement	t Ceiling				
	Explana	tion : Struc	turally Insufficient					
Plaster	75%	Now	\$1,200	LIFE	* *	5	\$2,800	
	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Stair Bu	khead/Hose Towe	r				
	Paint Peel	ling, Extent	: Light, Area Affec	cted : 20	%			
	Location	: Through	out					

Electrical	Cu	rrent Repair	Futur	e Replacement	М	aintenance	Priority
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2027	\$4,800	5		
	Other Observa	tion, Extent : Light, Area	Affected	! : 100%			
	Location: Ba	sement					
	Explanation:	One 200 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2027	\$48,800	5	\$100	
Raceway							
Conduit	90%		2027	\$28,200	1		
Conduit	10%		2047	* *	1		
Panelboards							
Fused Disc Sw	10%		2026	\$3,800	5		
Molded Case Bkrs	90%		2026	\$34,600	5	\$100	
Wiring							
Thermoplastic	90%		2027	\$24,900	1		
Thermoplastic	10%		2047	* *	1		
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Incandescent	2%		2022	\$500	2		
LED	98%		2035	* *			
Exterior Lighting							
HID	100%		2022	\$14,200	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13015

Mechanical		Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type		ail Date E Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment	1000/			• • • • •	ale ale			
Steam Boiler	100%	.: E.		2040	**	1	\$3,700	
			ent : Light, Area	Affectea	t : 100%			
	Location:		•.					
D: ('1 - ('	Explanatio	n : One Un	ıt					
Distribution Central Plant Steam	100%			2027	\$59,500	4	\$300	
Piping/Pmp	100%			2027	\$39,300	4	\$300	
Terminal Devices								
Convector/Radiator	100%			2025	\$18,800	1	\$1,200	
Air Conditioning	10070			2023	\$10,000	1	\$1,200	
Conversion Equipment								
Window/Wall Unit	50%			2022	\$3,700	1		
No Component	50%			2022	Ψ5,700	1		
Ventilation	2070							
Exhaust Fans								
Wall Unit	100%			2027	\$1,300	2	\$100	
Plumbing							·	
H/C Water Piping								
Brass/Copper	100%			2047	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,100	2	\$100	
	Other Obser	vation, Ext	ent : Light, Area	Affected	! : 100%			
	Location:							
	Explanatio	n : Hard Te	o Access For Ma	intenanc	re			
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%		\$2,600	LIFE	* *	1		
			Moderate, Area A	Affected :	: 30%			
	Location:	1st Floor C	Ceiling					
Storm Drain Piping								
Cast Iron	100%		\$700	LIFE	* *	1		
	_		ent : Moderate,	Area Affe	ected : 10%			
	Location:	Basement \	When It Rains					
Sump Pump(s)								
Not Accessible	100%							
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 210

Address : 160 CARLTON AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 6,780 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2072 Lot : 33 BIN : 3058296

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$47,600
Total		\$47,600
Importance Code B		\$47,600
Total		\$47,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,000	\$4,500		
Interior Architecture	\$28,100		\$400	
Electrical	\$2,800	\$100		
Mechanical	\$3,200	\$700	\$1,300	\$1,900
Total	\$55,000	\$5,300	\$1,700	\$2,000
Importance Code A	\$21,300	\$4,900	\$300	\$400
Importance Code B	\$31,800	\$400	\$900	\$1,600
Importance Code C	\$1,900		\$400	
Total	\$55,000	\$5,300	\$1,700	\$2,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 210

Asset #: 13105

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick	75%			LIFE	* *	5	\$21,700	
Masonry: Limestone		0-2 r Miss/Eroo : Through	\$17,500 d, Extent : Light, A out	LIFE rea Affec	* * cted : 10%	5	\$2,200	
Metal Sect. OHD	10%			2040	* *	5	\$9,000	
Granite Panels Windows	5%			LIFE		5	\$1,100	
Windows Aluminum	100%			2043	* *	5	\$800	
Parapets	10070			2043			\$600	
Masonry: Brick	90%			LIFE	* *	5	\$2,000	
Masonry: Limestone	10%			LIFE	* *	5	\$300	
Roof	1070			LII L			Ψ300	
Modified Bitumen		0-2 etration, E : Through	\$800 extent : Light, Area out	2032 Affected	* *			
Skylight, Metal/Glass	Water Pen	Now etration, E : Through	\$2,600 extent : Light, Area out	2047 Affected	* *			
Interior								
Floors								
Cast in Place Concrete	Cracking/	Now Crumbling, : Through	\$9,700 Extent : Moderate out	LIFE , Area Ą	* * ffected : 30%	5	\$6,800	
Ceramic Tile		_	\$400 ents, Extent : Mod n Throughout	2036 erate, Ar	* * ea Affected : 1%	5	\$500	
Wood		4+ ted Finish, : Through	\$10,200 Extent : Light, Are out	2055 a Affecte	* * d : 10%	5	\$5,800	
Interior Walls								
Cast Stone/Terra Cotta	Location	: Kitchen	Extent : Moderate					
	Location	: Through						
	Location	: Kitchen	Extent : Severe, Are	a Affecte	ed : 100%			
Commis Til		ion . Ceme	entitious Panels	2027	* *	-	\$000	
Ceramic Tile	5% 25%			2036 LIFE	* *	5	\$800 \$1,600	
Concrete Masonry Unit Masonry: Brick	30%			LIFE	* *	3	\$1,000	
Metal Panel	3%			LIFE	* *			
Plaster	30%		\$1,900 extent : Light, Area	LIFE	* *	5	\$1,400	
	Location	: Through	out					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13105

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	60%	Now	\$6,000	LIFE	* *	5	\$7,400	
• •	Water Pen	etration, E	xtent : Light, Area	Affected	: 10%			
	Location	: Through	out					
Metal Panel	15%			LIFE	* *	5	\$1,800	
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2032	* *			

Electrical	Current Repair	Future Repla	cement	М	laintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment				_		
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Mo	derate, Area Affected : 1	00%			
	Location: Basement					
	Explanation : One 400 Amper	es Main Disconnect Swi	ch			
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Fused Disc Sw	10%	2035	* *	5		
Molded Case Bkrs	90%	2035	* *	5	\$200	
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent		2,800 2037	* *			
	Damaged Fixtures, Extent : Mo Location : 1st Floor	derate, Area Affected : I	00%			
	Other Observation, Extent : Mo	derate, Area Affected : 1	00%			
	Location: 1st Floor					
	Explanation: Fixtures are no	•				
Fluorescent	85%	2027	\$15,600	10	\$5,300	
	T-8 Lamps And Fixtures, Exten	t : Light, Area Affected :	100%			
	Location: Throughout					
Egress Lighting						
Emergency, Service	70%	2027	\$2,300	1		
Exit, Service	30%	2027	\$200	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 210

Asset #: 13105

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estir FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
HID	100%	2027	\$25,600	10		
Machanical	Commant Danain	Future Des	1		aliatan anas	

Mechanical	Current Repair	Current Repair Future Repl		M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2047	* *	1		
Conversion Equipment						
Furnace	50%	2032	* *	1	\$1,700	
	Other Observation, Extent : Light, A	Area Affected : 50	0%			
	Location : Roof					
	Explanation: 5 Roof Top Package	Units				
Hot Water Boiler	50%	2040	* *	1	\$1,700	
	Other Observation, Extent : Light, A	Area Affected : 50	0%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	50% Now \$50	00 2043	* *	4	\$200	
1 0 1	Leak Evident, Extent : Moderate, Ar	rea Affected : 5%				
	Location: 2nd Floor Gymnasium,					
No Component	50%					
Terminal Devices	2070					
Convector/Radiator	40%	2040	* *	1	\$900	
Unit Heater - Steam	10%	2032	* *	4	\$100	
No Component	50%	_00_		-	\$100	
Air Conditioning	2070					
Energy Source						
Electricity	100%	2043	* *	1		
Conversion Equipment	10070	20.0				
Ext Pkg Unit -	60%	2027	\$47,600	2	\$300	
Heating/Cooling	0070	2027	Ψ17,000	-	Ψ300	
maning, cooming	Other Observation, Extent : Light, A	Area Affected : 10	00%			
	Location : Roof	33 • • • • • •				
	Explanation: 5 Units, R-22 Refrig	erant				
Window/Wall Unit	10%	2022	\$1,300	1		
No Component	30%	2022	\$1,500	1		
Ventilation Ventilation	3070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,800	
	10070	LILE		4-3	\$5,000	
Exhaust Fans Roof	100%	2032	* *	2	\$200	
-	10070	2032			\$200	
Plumbing H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Diass/Copper	10070	۷٠٠/		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%	Now	\$1,900	2025	\$3,900	2	\$100	
	Leak Evide	ent, Extent .	: Moderate, Area A	Affected :	50%			
	Location	: 1 Out Of	2 Is Leaking, Base	ement				
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	* *	4	\$200	
Fixtures								
Generic	100%							
Fire Suppression		•				•		
Sprinkler								
Generic	100%			2047	* *	1-2	\$1,900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS

Address : 26 HOOPER STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.211 / 13106 Yr Built/Renovated : 1925 /

Area Sq Ft : 28,285 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Jun-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3,4,5

Block : 2203 Lot : 16 BIN : 3060298

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$156,500	\$43,700
Interior Architecture	\$233,600	
Electrical		\$122,300
Mechanical		\$99,300
Total	\$390,100	\$265,300
Importance Code A	\$156,500	\$43,700
Importance Code B	\$233,600	\$221,600
Total	\$390,100	\$265,300

Total	\$127,900	\$12,100	\$83,000	\$15,000
Importance Code C	\$21,100			
Importance Code B	\$64,000	\$9,500	\$62,700	\$12,400
Importance Code A	\$42,700	\$2,600	\$20,300	\$2,600
Total	\$127,900	\$12,100	\$83,000	\$15,000
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Mechanical	\$16,200	\$4,000	\$57,200	\$4,200
Electrical	\$7,000	\$2,100	\$2,200	\$2,200
Interior Architecture	\$64,400	\$1,100	\$1,000	\$3,700
Exterior Architecture	\$35,300		\$17,700	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13106

rchitecture	Current Rep	air	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Masonry: Brick	25% Now	\$112,800	LIFE	* *	5	\$12,500	
	Efflorescence, Extent: M		ffected .	: 10%			
	Location : Elevator Per						
	Jnt Mortar Miss/Erod, E						
	Location : Site Walls L				imney		
	Misaligned/Bulging, Ext						
	Location : Site Wall Lo			-			
	Vertical Cracks, Extent:		ı Affecte	d : 10%			
	Location : Elevator Per						
	Water Penetration, Exter		rea Affe	cted : 10%			
	Location : Elevator Per	nthouse					
Stucco Cement	70%		2031	* *	5	\$87,400	
Wood Overhead Doors	5% Now	\$1,600	2031	* *	5	\$6,200	
	Other Observation, Exten	nt : Light, Area	Affected	: 2%			
	Location : All Doors						
	Explanation: Repairs	In Progress					
Windows							
Aluminum	100% Now	\$33,700	2034	* *	5	\$2,000	
	Broken/Missing Element						
	Location : Fourth Floo				us Other	Locations.	
	Unit Inoperable, Extent :		ı Affecte	ed: 25%			
	Location : Various Loc	ations					
Parapets							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$1,200	
Masonry: Brick	80%		LIFE	* *	5	\$2,400	
Metal Panel	15%		2046	* *	5	\$1,700	
	Recent Replace Evident,	_		ected : 100%			
	Location : Entire Para	pet On Main Ro	9f				
Roof	1000/		• • • • •	a. a.	4.0	4440	
Modified Bitumen	100%		2031	* *	10	\$16,800	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13106

rchitecture		Current Re	pair	Futur	e Replacement	M	aintenance	
ystem Component Type		ail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$18,500	
	Repairs in P Location :	_	tent : Light, Are Floor	a Affecte	d : 15%			
Ceramic Tile	5%			2035	* *	5	\$2,100	
Quarry Tile	3%			2031	* *	5	\$1,900	
Terrazzo	2%	Now	\$7,900	LIFE	* *	5	\$700	
	Cracking/Cr Location:	_	xtent : Severe, A Showers	rea Affec	eted : 15%			
	Water Penet Location :		ent : Moderate, A Showers	Area Affe	cted : 15%			
Vinyl Tile	65%	Now	\$4,700	2021	\$233,600	3	\$10,300	
			ts, Extent : Ligh				4-0,000	
		-	t 2nd Floor	•				
Vinyl Tile	5%		\$18,000	2036	* *	3	\$800	
v myr rne			ets, Extent : Seve		Affected · 40%	3	φουσ	
		_	r Workout Room		rijecica i 1070			
			Moderate, Area		. 100%			
			r Workout Room	55	. 100/0			
Interior Walls	20000000		. ,, 01110111 110011					
Cast in Place Concrete	30%			LIFE	* *			
Ceramic Tile		Now	\$12,300	2029	* *	5	\$1,100	
Coramine Tine			ets, Extent : Seve		Affected : 60%	J	Ψ1,100	
		-	Shower Area Adj					
Concrete Masonry Unit	25%			LIFE	* *	5	\$4,500	
Gypsum Board	15%			LIFE	* *	5	\$4,000	
Plaster		Now	\$3,600	LIFE	* *	5	\$1,300	
1 luster			ent : Light, Area		. 5%	5	Ψ1,500	
					And 5th Floor Off	ices		
SCET/Clazed Masange	15%		\$5,200	LIFE	**			
SGFT/Glazed Masonry			\$5,200 ets, Extent : Ligh					
		_	_	і, Агеи А	Heciea . 270			
C. T.	Location .	1 St F 1001, 1	Apparatus Area					
Ceilings	500/			2020	* *	5	¢21 200	
AcousTileSusp.Lay-In	50%			2039	* *	5	\$21,200	
Exposed Concrete	30%	NT	#2 200	LIFE	* *	5	\$2,000	
Plaster		Now	\$2,200	LIFE		5	\$5,300	
		_	Light, Area Affed	rtea : 2%)			
			Locker Room		. 1 20/			
			ent : Moderate, A	Area Affe	cted: 2%			
	Location :	2nd Floor	Locker Room					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13106

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Are Location : 1st Floor Explanation : 400 Amperes Main Sw		**	5	\$100	
Raceway						
Conduit	100%	2036	* *	1		
Panelboards						
Molded Case Bkrs	25%	2042	* *	5	\$200	
Molded Case Bkrs	75%	2034	* *	5	\$600	
Wiring Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$200	
Ground Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	
Stand-by Power Transfer Switches Automatic	100%	2039	* *	1	\$8,700	
Generators	10070	_000			\$0,700	
Diesel	100% Other Observation, Extent: Light, Are Location: Exterior Explanation: 125w Generator	2029 va Affected : 100	**	1	\$11,000	
Batteries	1					
Lead/Acid	100%	2019	\$1,500	5	\$1,000	
Fuel Storage						
Day Tank	100%	2034	* *	5	\$5,200	
Lighting Interior Lighting						
Fluorescent	60% T-8 Lamps And Fixtures, Extent : Ligh Location : Throughout	2026 at, Area Affected	\$46,000 : 100%	10	\$15,600	
Fluorescent	30% T-12 Lamps And Fixtures, Extent : Lig Location : 4th And 5th Floors	2026 ht, Area Affected	\$23,000 d: 100%	10	\$7,800	
Incandescent	10% Other Observation, Extent: Light, Are Location: Stairs, Dormitory And Clo Explanation: Mostly Incandescent F	osets	\$18,100	2	\$100	
Egress Lighting Emergency, Service	20%	2026	\$2,800	1		
No Component Exterior Lighting HID	50%	2026	\$53,300	10		
No Component	50%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13106

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Security System				
No Component	90%			
Generic	10%	2026 \$8,500	1 \$1,100	

Mechanical		Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment	1.60/			• • • •			4	
Hot Water Boiler	16%			2039	**	1	\$2,200	
			nt : Light, Area	Affected	: 100%			
		: Mechanical						
	-	ion : 1 Hot Wa	ater Boiler					
Steam Boiler		Now	\$5,800	2039	* *	1	\$8,600	1
	-		Severe, Area A	ffected :	100%			
	Location	: Mechanical	Room					
			nt : Severe, Are	a Affecte	d : 100%			
	Location	: Mechanical	Room					
	Explanat	ion : 2 Of 5 Ba	oilers Not Oper	ating				
Steam Boiler	50%			2039	* *	1	\$14,000	
	Other Obs	ervation, Exter	nt : Light, Area	Affected	: 100%			
	Location	: Mechanical	Room					
	Explanat	ion : 3 Of 5 St	eam Boilers Ru	nning Ol	k			
Distribution								
Hot Wtr Piping/Pump	16%			2042	* *	4	\$200	
Central Plant Steam Piping/Pmp	84%	0-2	\$7,500	2036	* *	4	\$1,200	
1 0 1	Other Obs	ervation, Exter	nt : Moderate, A	Area Affe	cted : 100%			
	Location	: 2nd Floor						
	Explanat	ion : Water Do	amage To Walls	s And Ce	ilings On 2nd Floo	or.		
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	\$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13106

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%	2026	\$99,300	2	\$500	
	R-22 Refrigerant, Extent: Light, A Location: Roof	Area Affected : 100	1 %			
Split Unit	2% Other Observation, Extent: Light, Location: Kitchen	2026 Area Affected : 10	\$11,300			
Window/Wall Unit	Explanation: R 410a 58%	2021	\$32,000	1		
No Component	10%	2021	\$32,000	1		
Distribution	1070					
Ductwork/Diffusers No Component	30% 70%	LIFE	* *	2	\$11,000	
Ventilation						
Distribution 1/Disc	1000/	LIEE	* *	2.5	#15.000	
Ductwork/Diffusers	100%	LIFE	· · ·	2-5	\$15,800	
Exhaust Fans Roof	70%	2026	\$30,700	2	\$600	
Wall Unit	30%	2026	\$2,800	2	\$300	
Plumbing	2070		\$2,000		4200	
H/C Water Piping						
Brass/Copper	50%	2046	* *	1		
Galvanized Steel	50%	2031	* *	1		
Water Heater						
Gas Fired	100% Other Observation, Extent: Light, Location: Mechanical Room Explanation: 2 75 Gallon Water		\$16,100 90%	2	\$400	
Sanitary Piping						
Cast Iron	100% Other Observation, Extent: Model Location: 2nd Floor	LIFE rate, Area Affected	* * l : 100%	1		
	Explanation : Possible Leaking I	From Drain Piping	g. Could Not V	erify.		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Fixtures	1000/					
Generic	100% Other Observation, Extent: Severa Location: Shower Explanation: Bases Cracked	e, Area Affected : :	5%			
Vertical Transport	-					
Elevators Geared Traction	100% Other Observation, Extent: Light, Location: Serves 1st To 5th Floo Explanation: 1 Unit		**			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression Chemical System Generic	100%	2024 \$1,900	1-3 \$3,700	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 214

Address : 495 HANCOCK STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.214 / 13108 Yr Built/Renovated : 1965 /

Area Sq Ft : 7,040 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1654 Lot : 45 BIN : 3045695

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$146,500	
Total	\$146,500	
Importance Code A	\$146,500	
Total	\$146.500	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,700			\$5,000
Interior Architecture	\$28,100	\$400	\$500	\$800
Electrical	\$4,700	\$200	\$200	\$3,400
Mechanical	\$15,800	\$600	\$700	\$12,900
Total	\$87,200	\$1,200	\$1,400	\$22,100
Importance Code A	\$43,700	\$300	\$300	\$5,400
Importance Code B	\$35,200	\$500	\$1,100	\$16,700
Importance Code C	\$8,300	\$400		
Total	\$87,200	\$1,200	\$1,400	\$22,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 214

Asset #: 13108

rchitecture	Current Repair	Future Replacement	M	laintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls Masonry: Brick	80% Now \$96,500 Broken/Missing Elements, Extent: Se Location: At North Exit Horizontal Cracks, Extent: Moderate Location: Hose Tower Jnt Mortar Miss/Erod, Extent: Moder Location: Throughout Exterior Face	vere, Area Affected : 10% , Area Affected : 10% rate, Area Affected : 30%	5	\$16,000	
Masonry: Granite	5% 4+ \$5,900 Broken/Missing Elements, Extent: Lig Location: Adjacent To Ohd		5	\$800	
Masonry: Limestone	5% 4+ \$2,200 Broken/Missing Elements, Extent: Lig Location: Front Facade		5	\$800	
Wood Overhead Doors	10%	2032 **	5	\$10,000	
Windows					
Aluminum	100%	2043 **	5	\$1,700	
Parapets Masonry: Brick	90% Now \$25,500 Diagonal Cracks, Extent: Moderate, Location: Corners Jnt Mortar Miss/Erod, Extent: Moder Location: Throughout	Area Affected : 10%	5	\$2,200	
Masonry: Limestone	10% Now \$5,100 Broken/Missing Elements, Extent: Se Location: Copings Missing At From Jnt Mortar Miss/Erod, Extent: Moder Location: Coping	vere, Area Affected : 10% t Facade	5	\$300	
Roof					
Modified Bitumen	95% Now \$50,000 Alligatoring, Extent: Moderate, Area Location: Throughout Water Penetration, Extent: Moderate Location: Showers, Engine Office Worn/Eroded, Extent: Moderate, Are Location: Throughout	Affected : 75% , Area Affected : 10%			
Skylight, Metal/Glass	5%	2037 **	10	\$1,500	
erior					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 214

Asset #: 13108

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	55%			LIFE	* *	5	\$12,300	
		etration, E. : Basemen	xtent : Moderate, A t	rea Affe	cted : 10%			
Ceramic Tile	10%			2036	* *	5	\$1,000	
Quarry Tile	5%			2032	* *	5	\$800	
Vinyl Tile	30%	2-4	\$13,100	2035	* *	3	\$1,200	
		led, Extent : 2nd Floo	: Moderate, Area A er	Affected	: 50%			
Interior Walls								
Ceramic Tile	5%			2030	* *	5	\$700	
Masonry: Brick	20%			LIFE	* *			
Plaster	35%	Now	\$8,300	LIFE	* *	5	\$1,600	
			Extent : Moderate wer, 2nd Floor Cor		ffected : 20%			
SGFT/Glazed Masonry	35%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$3,000	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	\$200	
Exposed Struc: Steel	35%			LIFE	* *			
Plaster	50%	Now	\$6,700	LIFE	* *	5	\$3,200	
	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 15%			
	Location	: Hose To	wer/ Stairwell					
Site Enclosure Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
		ervation, E : Side Yard	Extent : Light, Area d	Affected	! : 100%			
	Explanat	ion : Recer	nt Replace Evident					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2047 **	5	
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : Electrical Room			
	Explanation : Main Service Switch Ro	ted @ 400 Amperes		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13108

Electrical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	50%			2047	* *	1		
Conduit	50%			2037	* *	1		
Panelboards								
Molded Case Bkrs	50%			2043	* *	5	\$100	
Molded Case Bkrs	50%			2035	* *	5	\$100	
Wiring								
Thermoplastic	50%			2037	* *	1		
Thermoplastic	50%			2047	* *	1		
Ground								
Grounding Devices					di di		****	
Generic	100%			LIFE	**	5	\$100	
			xtent : Moderate, 1	Area Affe	ected : 100%			
		: Basemen						
	Explanat	ion : No G	round Wire Jumpii	ig Water	· Meter.			
Lighting								
Interior Lighting	50/			2022	#2 200	2		
Incandescent	5%			2022	\$2,300	2		
LED	95%			2032				
Egress Lighting	500/			2022	* *	10	0000	
Emergency, Battery	50%			2032		10	\$900	
Exit, Service	50%			2027	\$400	1		
Exterior Lighting HID	75%			2027	\$10,000	10		
HID		Now	\$4,000	2027	\$19,900 * *	10		
нір			\$4,000 xtent : Moderate, 1					
	_		xiem . Moderdie, 1 Building On Exteri		ciea . 100%			
A.1	Location	. Side Of I	building On Exteri)r wan				
Alarm								
Fire/Smoke Detection	50%							
No Component Generic, Digital		Now	\$700	2037	* *	1 2	\$2,000	
Generic, Digital			\$ /00 xtent : Moderate, 1			1-3	\$2,000	
			xtent : Moaerate, 1 out Building	11еи АД	кией . 100%			
				aatons	Batteries Removed	On Suc al	ka Dataatan	
	Expianai Damageo		ry Only Smoke Del	ectors -	baneries Kemovea	Or Smok	ke Detector	
	Damaged	ι.						

Mechanical	Current Rep	oair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 214

Asset #: 13108

Mechanical	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Conversion Equipment Hot Water Boiler	100% No Corroded, Exte Location : Ce	nt : Moderate, Area Affe	2032 cted : 30	**	1	\$3,100		
	On Extended L	fe, Extent : Light, Area A	Affected :	100%				
	Location: Ba	sement						
		ion, Extent : Light, Area	Affected	: 100%				
	Location : Ce							
	Explanation:	1 Unit						
Distribution Hot Wtr Piping/Pump	100%		2035	* *	4	\$500		
Terminal Devices	000/		2025	Ф 21 700		Φ2 100		
Convector/Radiator	90%		2025 2027	\$31,700	1	\$2,100		
Unit Heater - Steam	10%		2027	\$2,400	4	\$100		
Air Conditioning Energy Source								
Electricity	100%		2035	* *	1			
Conversion Equipment								
Window/Wall Unit	60%		2022	\$8,200	1			
No Component	40%			•				
Ventilation								
Distribution								
Ductwork/Diffusers	25%		LIFE	* *	2-5	\$1,000		
No Component	75%							
Exhaust Fans Roof	25% 0- Noisy/Vibrating Location : Ro	, Extent : Moderate, Are	2027 va Affecte	\$2,700 d: 100%	2			
Wall Unit	20%		2027	\$500	2			
No Component	55%			·				
Plumbing H/C Water Piping								
Brass/Copper	98%		2037	* *	1			
Brass/Copper	2% No Other Observat Location : Kit Explanation :	ion, Extent : Light, Area chen Sink	2053 Affected	* * : 100%	1			
Water Heater	варининон.	DOWN III DUNN						
Gas Fired	100%		2022	\$4,000	2	\$100		
	Other Observat Location : Ce							
g P: :	Explanation :	2 Units 74 Gallons						
Sanitary Piping	000/		LIDE	* *	1			
Cast Iron	90%	2 000	LIFE	* *	l 1			
Cast Iron	10% 0- Corroded, Exte Location : Ba	nt : Light, Area Affected	LIFE : 100%		1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 214

Mechanical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Storm Drain Piping							
Cast Iron	75%		LIFE	* *	1		
Cast Iron	25% 0-	2 \$3,400	LIFE	* *	1		
	Corroded, Exter	nt : Light, Area Affected	: 100%				
	Location: Bas	sement					
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	10%		2025	\$200	1-3	\$500	
	Other Observat	ion, Extent : Light, Area	Affected	: 100%			
	Location: Kite	chen Hood					
	Explanation:	Fire Suppression					
No Component	90%						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 216/LADDER CO. 108 (COMBINED FACILITY)

Address : 187 UNION AVENUE @ MONTROSE AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.216 / 13109 Yr Built/Renovated : 1971 /

Area Sq Ft : 8,880 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2465 Lot : 100 BIN : 3063633

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$90,000	
Interior Architecture		\$84,900
Total	\$90,000	\$84,900
Importance Code A	\$90,000	
Importance Code B		\$84,900
Total	\$90,000	\$84,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,800	\$1,200		\$13,800
Interior Architecture	\$26,100	\$1,500	\$3,200	\$700
Electrical	\$500	\$100		\$2,900
Mechanical	\$9,500	\$19,600	\$4,000	\$16,700
Total	\$38,800	\$22,400	\$7,100	\$34,100
Importance Code A	\$2,800	\$1,200		\$13,800
Importance Code B	\$36,100	\$21,200	\$5,200	\$20,300
Importance Code C			\$1,900	
Total	\$38,800	\$22,400	\$7,100	\$34,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13109

rchitecture	Current Repair		Future Replacement		Maintenance			
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls			****			_		
Masonry: Brick	89%	0-2	\$80,900	LIFE	**	5	\$26,900	
			xtent : Moderate, A g Angles At Front,					
Masonry: Brick	1%	Now	\$9,100	LIFE	* *	5	\$300	1
			nt : Severe, Area A		100%			
	Location	: Stairwell	l At Side Of Buildir	g				
Metal Sect. OHD	10%			2032	* *	5	\$9,400	
Windows								
Aluminum	100%			2035	* *	5	\$2,400	
Parapets								
Concrete Masonry Unit	3%			LIFE	* *	5	\$100	
Masonry: Brick	67%			LIFE	* *	5	\$2,900	
Metal Cornice	15%			2042	* *	10	\$2,100	
			Extent : Light, Area	Affected	: 100%			
			rapet Coping					
	Explanat	tion : Meta	l Coping					
Metal Rail	15%			2032	* *	5-10	\$11,500	
Roof Built-Up (BUR)	Water Pen		\$2,800 Extent : Severe, Are amage In Locker R			rb On Ro	oof.	
erior							-	
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$32,200	
	_	_	Extent: Light, Are		ed : 5%			
		: First Flo	or Apparatus Area					
Ceramic Tile	10%			2030	* *	5	\$2,900	
Quarry Tile	1%	4+	\$200	2040	* *	5	\$200	
		issing Elem : Kitchen	ents, Extent : Ligh	t, Area A	ffected : 1%			
Terrazzo	5%	0-2	\$20,500	LIFE	* *	5	\$1,100	
	_	Crumbling, : Dining A	Extent : Moderate Trea	, Area Aj	ffected : 30%		•	
		ded, Extent : First Flo	: Light, Area Affec por	eted : 30%	%			
Vinyl Tile	34%			2027	\$84,900	3	\$3,800	
Interior Walls								
Ceramic Tile	10%			2036	* *	5	\$3,800	
Concrete Masonry Unit	39%			LIFE	* *	5	\$5,900	
Plaster	20%			LIFE	* *	5	\$2,300	
Plywood/Hardboard	1%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13109

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2032	* *	5	\$1,400	
Exposed Concrete	45%			LIFE	* *	5	\$1,900	
Plaster	15%	Now	\$5,400	LIFE	* *	5	\$2,600	
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 2%			
	Location	: First Flo	or Apparatus Area					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 15%			
	Location	: 2nd Floo	or Dormitory					
Plaster	35%			LIFE	* *	5	\$6,100	
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements	•			•		•		
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			

Electrical		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment Not Accessible	100%							
Switchgear / Switchboard Not Accessible	100%							
Raceway Conduit	100%			2037	* *	1		
Panelboards Molded Case Bkrs	100%			2035	* *	5	\$200	
Wiring Thermoplastic	100%			2037	* *	1	4-2-2	
Motor Controllers Locally Mounted	100%			2032	* *	5	\$100	
Ground								
Grounding Devices Not Accessible	100%							
Stand-by Power Transfer Switches	1000/							
Not Accessible	100%							
Generators Not Accessible	100%							
Batteries Not Accessible	100%							
Fuel Storage Not Accessible	100%							
Lighting								

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13109

Electrical	Current Repair			Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)		Year FY	Year Estimated Cost FY		Estimated Cost	Priority	
Lighting								
Interior Lighting								
Fluorescent	95%			2027	\$22,900	10	\$7,700	
	•	And Fixtures,	Extent : Light,	Area Afj	fected : 100%			
	Location	: Basement						
Incandescent	5%			2022	\$2,800	2		
	Other Obse	ervation, Exten	t : Light, Area	Affected	: 100%			
	Location	: In Sleeping A	rea 1st Floor	And In R	ear Yard			
	Explanati	ion : Incandesc	ent Downligh	ts				
Egress Lighting								
Emergency, Service	100%			2027	\$4,400	1		
Exterior Lighting								
HID	50%			2027	\$16,700	10		
Incandescent	50%			2027	\$14,200	2		
Alarm								
Security System								
Not Accessible	100%							
Fire/Smoke Detection								
No Component	95%							
Generic, Digital	5%	Now	\$500	2037	* *	1-3	\$200	
	Devices Mi	issing, Extent :	Moderate, Ar	ea Affect	ed : 100%			
	Location	: Various Loca	tions Around	Building				
	Local/Batte	ery Operated L	etect, Extent .	Light, A	rea Affected : 1009	%		
	Location	: Various Loca	tions Around	Building				

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Not Accessible	100%					
	Other Observation, Extent : La	ght, Area Affected	!: 0%			
	Location: Entire Facility					
	Explanation : Located In NY	PD Facility				
Conversion Equipment						
Not Accessible	100%					
	Other Observation, Extent: La	ght, Area Affected	! : 0%			
	Location: Entire Facility					
	Explanation: Located In NY	PD Facility				
Distribution						
Hot Wtr Piping/Pump	100%	2043	* *	4	\$700	
	Other Observation, Extent: La	ght, Area Affected	! : 100%			
	Location : Throughout Fireh	ouse				
	Explanation: Only Firehous	e Piping Accessibi	le			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13109

Mechanical		Current Re	pair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date H (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Terminal Devices									
Convector/Radiator	Damaged,	_	\$2,100 ht, Area Affected Officers Room	2040 : 10%	* *	1	\$2,400		
	Other Observation, Extent: Moderate, Area Affected: 50% Location: Throughout								
		tion : Units N ed By Nypd	ot Heating Prop	erly					
Unit Heater - Steam	5%			2022	\$1,500	4			
Air Conditioning									
Energy Source									
Electricity	100%			2043	* *	1			
Conversion Equipment	000/			2020	415 (00				
Window/Wall Unit	90%			2020	\$15,600	1			
Not Accessible	10%	amentian Ent	ant Light Ang	Affordad	. 00/				
		ervanon, Ехі : NYPD Fac	ent : Light, Area	Ајјестеа	: 0%				
			uuy aintained With N	IVPD Fa	uinment				
Distribution	Елрини	ion . Unii Mi	aimainea wiin i	II D Eq	иртен				
Ductwork/Diffusers	100%			LIFE	* *	2	\$11,600		
Ventilation	10070						Ψ11,000		
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,000		
Exhaust Fans									
Interior	50%			2022	\$14,800	2	\$100		
Roof	50%			2027	\$6,900	2	\$100		
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2037	**	1			
		pair Evident, : Kitchen	Extent : Light, A	Area Affe	cted : 30%				
Water Heater									
Electric	50%			2026	\$3,700	4			
			ent : Light, Area	Affected	: 100%				
		: Basement							
		non : New 12	0 Gallon Unit	• • • • •	** * * * * * * * * *				
Electric		led Life, Exte : Basement	nt : Light, Area	2020 Affected :	\$3,700	4			
	Other Obs		ent : Light, Area	Affected	: 100%				
			120 Gallon Heat	or					
·	Елріана	1011. 1 Uj 2 I	20 Ganon 11eai	C I					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical		Current F	Repair	Futur	e Replacement	M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron		Now	\$6,100	LIFE	* *	1		
			Extent : Severe, Are	a Affecte	d : 50%			
		: Basemen						
	Explana	tion : Syste	m Backs Up And F	loods Du	ring Severe Rain			
Storm Drain Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron		Now	\$900	LIFE	* *	1		
	_		Extent : Severe, Are					
	Location	: Severe F	looding On Main I	Floor In I	Rig Area			
Sump Pump(s)								
Non-Submersible	100%			2027	\$1,300	4	\$300	
			Extent : Light, Area	Affected	: 100%			
		: Basemen						
	Explana	tion : Heav	y Duty Duplex Pur	nps				
Backflow Preventer								
Not Accessible	100%							
			Extent : Light, Area	Affected	: 0%			
		: Basemen						
	Explana	tion : Signa	ige For Connection	ı Is Prese	ent / Could Not Lo	ocate Valv	ve	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler	000/							
No Component	80%			• • • •	at at		4.5 00	
Generic	20%			2047	* *	1-2	\$500	
			Extent : Light, Area	Affected	: 100%			
		: Basemen						
	Explana	tion : Only	Basement Has Aut	omatic S _I	prinkler Coverag	?		
Chemical System				2027	***		.	
Wet	10%			2025	\$200	1-3	\$500	
			Extent : Light, Area	Affected	: 100%			
		: Kitchen						
		tion : Hood	System					
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 417

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 217

Address : 940 DEKALB AVENUE

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.217 / 13110 Yr Built/Renovated : 1908 / 2002

Area Sq Ft : 5,298 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1601 Lot : 23 BIN : 3043215

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$241,600	
Electrical		\$7,700
Total	\$241,600	\$7,700
Importance Code A	\$241,600	
Importance Code B		\$7,700
Total	\$241,600	\$7,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,100			\$7,800
Interior Architecture	\$11,800	\$3,100		
Electrical				\$5,400
Mechanical	\$4,000	\$700	\$1,400	\$5,400
Total	\$21,900	\$3,900	\$1,500	\$18,600
Importance Code A	\$6,600	\$500	\$500	\$8,300
Importance Code B	\$5,500	\$3,400	\$900	\$10,200
Importance Code C	\$9,800			
Total	\$21,900	\$3,900	\$1,500	\$18,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 217

Architecture		Current F	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2047	* *	10	\$400	
Masonry: Brick		Now	\$202,300	LIFE		5	\$16,800	1
			l, Extent : Severe, A	Area Affe	ected : 20%			
		: Through		A CC .	1 400/			
	_		Extent : Severe, Ar	ea Affect	ed: 40%			
			e Elevations	- A CC 4 -	1.100/			
			nt : Moderate, Are d Side Walls	а Ајјесте	a: 10%			
			i Side Waiis					
Masonry: Granite	2%			LIFE	* *	5	\$400	
Masonry: Limestone		Now	\$39,300	LIFE	**	5	\$2,700	
		r Miss/Eroo ı : Through	l, Extent : Moderat out	e, Area A	Affected : 20%			
Wood Overhead Doors	8%			2032	* *	5	\$9,600	
Windows							•	•
Aluminum	100%			2043	* *	5	\$600	
Parapets								
Masonry: Brick	60%			LIFE	* *	5	\$1,100	
Metal Panel	25%			2047	* *	5	\$1,800	
Slate		Now	\$6,100	LIFE	* *	5	\$300	
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	eted : 100%			
	Location	: Lower R	oof Coping Stones					
Roof								
Modified Bitumen	30%			2032	* *	10	\$2,100	
Roll Roofing	68%			2023	\$19,700	5	\$8,000	
Skylight, Metal/Glass	2%			2053	**	10	\$500	
	-	-	ent, Extent : Light,	Area Aff	ected : 100%			
- -	Location	ı : Main Ro	of					
Interior Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$9,200	
Quarry Tile	10%			2040	* *	5	\$1,300	
Sheet Vinyl/Rubber	40%			2035	* *	5	\$5,000	
	Location	: Through		Affected	: 100%			
	Explana	tion : Recei	nt Replace Evident					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 217

Asset #: 13110

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile		Now	\$300	2030	* *	5	\$300	
		•	amage, Extent : Li	ght, Area	Affected: 1%			
		: Bathrooi	n On 3rd Floor					
Concrete Masonry Unit	10%			LIFE	* *	5	\$200	
Masonry: Brick		Now	\$3,500	LIFE	* *			
		_	: Moderate, Area	Affected	: 25%			
		: Basemen						
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d : 15%			
	Location	: Basemen	nt .					
Plaster	25%			LIFE	* *	5	\$500	
	Paint Peel	ling, Extent	: Moderate, Area	Affected	: 10%			
	Location	: 2nd Floo	or Hall / Staircase A	And Hose	e Tower			
SGFT/Glazed Masonry	25%	Now	\$5,900	LIFE	* *			
J			ents, Extent : Mod		ea Affected : 5%			
		: Apparati						
		Cracks, Ex	tent : Moderate, Ar out	ea Affec	ted : 5%			
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$2,000	2040	* *	5	\$1,300	
1 ,	Water Per	etration, E	xtent : Light, Area	Affected	: 15%			
	Location	: 2nd Floo	or Office And Kitch	en				
Embossed Metal	50%			LIFE	* *	5	\$1,900	
Gypsum Board	20%			LIFE	* *	5	\$2,100	
Site Enclosure							. ,	
Fence/Gates								
Chain link	100%			2047	* *			
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2040	* *			

lectrical	Current Repair	Future R	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5		
	Other Observation, Extent : Light, Are	ea Affected : 1	00%			
	Location: Basement					
	Explanation: 400 Amperes Main Di	sconnect Swite	ch, 250a Fuses			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2047	* *	5	\$100	
Raceway						
Conduit	20%	2027	\$6,300	1		
Conduit	80%	2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13110

Electrical	Current Repair	Future F	Replacement	Maintenance		
System Component Type	% of Fail Date Estir Total (Years)	mated Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards			*	_		
Fused Disc Sw	5%	2026	\$1,900	5	*	
Molded Case Bkrs	75%	2043	**	5	\$100	
Molded Case Bkrs	20%	2026	\$7,700	5		
Wiring			di di			
Thermoplastic	80%	2047	**	1		
Thermoplastic	20%	2027	\$5,500	1		
Motor Controllers			*	_		
Locally Mounted	100%	2025	\$14,400	5		
Ground						
Grounding Devices			di di	_	*	
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting	- 00/		di di	4.0	** 400	
Fluorescent	50%	2032	* *	10	\$2,400	
	Other Observation, Extent . Location : Basement And Explanation : T8 Lamps	0 00	00%			
Fluorescent	45%	2032	* *	10	\$2.200	
Fluorescent	0ther Observation, Extent .			10	\$2,200	
	Location: 2nd And 3rd F	0 00	0076			
	Explanation: T5 Lamps -					
			* *			
Incandescent	5%	2032	* *	2		
Egress Lighting	5 00/	2022	نف نقي	1.0	0.000	
Emergency, Battery	50%	2032	* *	10	\$600	
No Component	50%					
Exterior Lighting						
HID	100%	2032	* *	10		

Mechanical	Current Repair	Future Replacemer			Maintenance		
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating							
Energy Source							
Natural Gas	100%	2037	* *	1			
Conversion Equipment							
Steam Boiler	100%	2032	* *	1	\$5,300		
	Other Observation, Extent: Light, Ar	ea Affected : 100	%				
	Location: Basement						
	Explanation: 1 Unit						
Distribution							
Central Plant Steam	100%	2037	* *	4	\$300		
Piping/Pmp							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 217

Asset #: 13110

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices Convector/Radiator	100%		2032	* *	1	\$1,700	
Convector/Radiator		Extent : Moderate, A			1	\$1,700	
	Location: Front		неи Ајје	ctea . 10/0			
		Latrance liator Under Sized, (Sats Colo	1			
Air Conditioning	Ехрининон . Ки	naior Oraer Sizea, C	Jeis Coid				
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment	10070		2013		-		
Exterior Pkg Unit - Cooling	20%		2032	* *	2	\$100	
	Other Observation,	Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Kitche		55				
	Explanation: Und	der Sized					
Split Unit	15%		2032	* *			
Window/Wall Unit	45% 0-2	\$1,400	2022	\$4,600	1		
		Extent : Light, Area			_		
	Location : Variou		33				
	Explanation : Agi	ng Units					
No Component	20%						
Distribution	2070						
Ductwork/Diffusers	20%		LIFE	* *	2	\$1,400	
No Component	80%		LII L		-	ψ1,100	
Ventilation							
Distribution							
Not Accessible	100%						
Exhaust Fans							
Interior	10% 0-2	\$1,800	2037	* *	2		
	On Extended Life, I	Extent : Moderate, A	rea Affec	rted : 100%			
	Location : Ladies	Room					
Roof	15%		2027	\$1,200	2		
Wall Unit	10%		2027	\$200	2		
No Component	65%			4-11			
Plumbing							
H/C Water Piping							
Brass/Copper	30%		2053	* *	1		
11	Not Insulated, Exte	nt : Moderate, Area	Affected	: 10%			
	Location: Basem	ent					
Galvanized Steel	70%		2032	* *	1		
Water Heater							
Gas Fired	100%		2025	\$3,000	2	\$100	
345 1 1144		Extent : Light, Area			_	\$100	
	Location : Basem	_	55				
	Explanation: 2 U	nits / /4 Gallons					
Sanitary Piping	Explanation: 2 U	nits / /4 Gallons					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical	Cui	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2021	\$200	4	\$100	
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	10%		2025	\$200	1-3	\$500	
No Component	90%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 218 Address : 650 HART STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.218 / 13111 Yr Built/Renovated : 1887 / 2001

Area Sq Ft : 3,630 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3228 Lot : 13 BIN : 3073407

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$59,800	
Mechanical		\$51,700
Total	\$59,800	\$51,700
Importance Code A	\$59,800	
Importance Code B		\$51,700
Total	\$59,800	\$51,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,500	\$500		\$1,800
Interior Architecture	\$21,700	\$400	\$100	\$500
Electrical	\$1,400	\$400	\$1,800	\$300
Mechanical	\$5,500	\$500	\$500	\$4,000
Site Enclosure	\$11,200			
Total	\$41,300	\$1,700	\$2,500	\$6,700
Importance Code A	\$1,900	\$900	\$300	\$2,200
Importance Code B	\$13,900	\$800	\$2,200	\$4,500
Importance Code C	\$25,600		·	•
Total	\$41,300	\$1,700	\$2,500	\$6,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 218

Architecture		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type		Tail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%		\$59,800	LIFE	* *	5	\$6,600	
	U	0.	Extent : Moderate	, Area A	ffected : 20%			
	Location:	_			1 200/			
			, Extent : Moderat	e, Area A	Affected: 30%			
	Location:	U		A CC 4 - 1	. 400/			
	Location :	_	: Moderate, Area .	Ајјестеа	. 40%			
		0	: Moderate, Area 1	Affected	. 30%			
	Location:			пујестец	. 3070			
Wood Overhead Doors	10%	- Involugite		2032	* *	5	\$3,700	
Windows	10/0			2032			\$3,700	
Aluminum	100%			2035	* *	5	\$1,100	
Parapets	10070			2033			Ψ1,100	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$100	
Masonry: Brick	85%	Now	\$700	LIFE	* *	5	\$100	
·	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
	Location:	_						
			tent : Moderate, A	Area Affe	cted : 10%			
	Location :	Througho	put					
Slate	5%	4+	\$800	LIFE	* *	5		
			: Moderate, Area	Affected	: 100%			
	Location :	Front Of	Building					
Roof	1000/			2027	¢22.700	10	Φ5. (00	
Modified Bitumen	100%			2027	\$32,700	10	\$5,600	
nterior Floors								
Carpet	5%			2023	\$3,700	3	\$400	
Cast in Place Concrete	50%	Now	\$1,500	LIFE	**	5	\$6,400	
Cust in 1 lace Concrete			Extent : Severe, A		cted : 10%	3	φο, που	
	Location :	_	ŕ	33				
Ceramic Tile	5%			2036	* *	5	\$300	
Quarry Tile	5%			2040	* *	5	\$400	
Vinyl Tile	35%	4+	\$1,700	2027	\$17,400	3	\$800	
•	Broken/Miss	ing Elem	ents, Extent : Ligh	t, Area A	ffected : 10%			
	Location:	2nd Floo	r Bunk Room					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13111

Architecture		Current Repair		Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	Cracking/ Location Water Pen Location	: Through netration, E n : Cellar	xtent : Moderate, A	Area Affe	ected : 10%			
Plaster	Cracking/ Location Water Per	: Through netration, E	\$9,700 Extent : Severe, A out 2nd Floor xtent : Severe, Are or At Rear Of Build	a Affecte		5	\$1,800	
Wood	10%			LIFE	* *	5	\$3,200	
Ceilings								
AcousTileSusp.Lay-In	10%			2032	* *	5	\$600	
Embossed Metal			\$4,100 ents, Extent : Seve	LIFE re, Area	* * Affected : 20%	5	\$1,100	
Expand Struck Staal	20%		Out	LIFE	* *			
Exposed Struc: Steel Plaster	30%			LIFE	* *	5	\$1,100	
Site Enclosure	3070			DII E			ψ1,100	
Fence/Gates Chain link Free Standing Walls	100%			2037	* *			
Masonry: Brick	Location Jnt Morta	issing Elem e: Top Of V	l, Extent : Moderai					
Site Pavements	200000							
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2032	* *			
Floatrical				Entre				

Electrical	Current Repair	Future Replacement			Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts	•	•	•				
Service Equipment							
Fused Disc Sw	100%	2047	* *	5			
	Other Observation, Extent : Light, Area	Affected: 100%	ó				
	Location: Basement						
	Explanation: One 200 Amperes Main	Disconnect Swi	tch				
Raceway							
Conduit	100%	2037	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13111

Electrical	Current Repair Future R		eplacement M		laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Fused Disc Sw	10%	2035	**	5	*	
Molded Case Bkrs	90%	2035	* *	5	\$100	
Wiring	1000/	2027	* *			
Thermoplastic	100%	2037	* *	1		
Motor Controllers	100%	2032	* *	5		
Locally Mounted	10076	2032				
Ground Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$100	
Stand-by Power	10070	DII D			Ψ100	
Transfer Switches						
Automatic	100%	2040	* *	1	\$1,100	
Generators					•	
Diesel	100%	2036	* *	1	\$1,400	
	Other Observation, Extent : Moderate,	, Area Affected	l : 100%			
	Location : Outside					
	Explanation : One 62 Kw					
Batteries	1000/	2021	01.500	-	0100	
Lead/Acid	100%	2021	\$1,500	5	\$100	
Fuel Storage Main Tank	100%	2055	* *	5	\$100	
Main Tank	Other Observation, Extent: Moderate,			5	\$100	
	Location : Outside	, Агей Аујесіеі	1. 100/0			
	Explanation : One 50 Gallons					
Lighting	Expression: One so Guitons					
Interior Lighting						
Fluorescent	95%	2027	\$9,300	10	\$3,200	
	Other Observation, Extent : Moderate,	, Area Affected	l : 100%			
	Location: Throughout					
	Explanation: T8 Lamps					
Fluorescent	5%	2027	\$500	10	\$200	
	Other Observation, Extent : Moderate,	, Area Affected	l : 100%			
	Location: Throughout					
	Explanation: T5 Lamps - Compact F	Flourescent				
Egress Lighting	-00/			_		
Emergency, Service	50%	2027	\$900	1		
No Component	50%					
Exterior Lighting	1000/	2022	* *	10		
HID	100%	2032	- · ·	10		
Alarm Fire/Smoke Detection						
No Component	95%					
Generic, Analog	5% Now \$1,100	2037	* *	1-3	\$100	
Conorio, I maiog	Devices Missing, Extent: Moderate, A		100%	1 3	ψ100	
	Location: Throughout The Building	55 - 50000 .				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13111

Mechanical	Current F	Repair	Future Replacement		M	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	-						
Energy Source	100/		201-	a. ·			
Electricity	10%		2047	* *	1		
Natural Gas	90%		2047	* *	1		
Conversion Equipment	100/		2040	* *	1	#200	
Hot Water Boiler	10%	wtomt , Tiale A	2040		1	\$200	
	Other Observation, E. Location: 1st Floor	_	Ајјестеа	. 100%			
	Explanation: Under		u f				
Cta D-11		тыоот хаанати Пес		* *	1	¢2 200	
Steam Boiler	90% Other Observation, E	vtont . Light A	2040		1	\$3,200	
	Location : Basemen	_	Ајјестеа	. 10070			
	Explanation: 1 Uni						
Distribution	ълрининоп . 1 Oni	ı					
Hot Wtr Piping/Pump	10%		2043	* *	4		
Central Plant Steam	90%		2043	\$51,700	4	\$200	
Piping/Pmp	7070		2021	Ψ21,700	г	Ψ200	
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$1,200	
	Other Observation, E	xtent : Moderate, A		cted : 50%			
	Location: Rig Room	n					
	Explanation : Insuff	ficient Heat					
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Window/Wall Unit	50%		2022	\$3,500	1		
No Component	50%						
Ventilation							
Distribution	250/		LIPP	* *	2.5	0.500	
Ductwork/Diffusers	25%		LIFE	T T	2-5	\$500	
No Component	75%						
Exhaust Fans	5% Now	\$600	2037	* *	2		
Interior	3% NOW Broken, Extent : Mod				2		
	Location: 2nd Floo			,			
Intonio -				* *			
Interior	5% Now Unit Inoperable, Exte	\$600	2037		2		
	Location : Kitchen l		и Ајјесте	u . 10070			
D C		100a Lanuusi	2027	Φ000	2		
Roof	15%		2027	\$800	2		
Wall Unit	20%		2027	\$200	2		
No Component	55%						
Plumbing H/C Water Pining							
H/C Water Piping	100%		2047	* *	1		
Brass/Copper	100%		2047		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 218

Mechanical		Current Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing							
Water Heater							
Gas Fired	100%		2025	\$2,100	2	\$100	
	Other Obse	ervation, Extent : Light, Ai	ea Affectea	d : 100%			
	Location	: Basement					
	Explanati	on : Two 74 Gallons					
Sanitary Piping							
Cast Iron	85%		LIFE	* *	1		
Cast Iron	15%	Now \$3,700) LIFE	* *	1		
	Leak Evide	nt, Extent : Moderate, Are	a Affected	: 100%			
	Location	: Kitchen					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 219/LADDER CO. 105

Address : 494 DEAN STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.219 / 13112 Yr Built/Renovated : 1977 /

Area Sq Ft : 9,109 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1136 Lot : 11 BIN : 3027813

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$98,100	\$66,900
Interior Architecture		\$42,400
Total	\$98,100	\$109,200
Importance Code A	\$98,100	\$66,900
Importance Code B		\$42,400
Total	\$98.100	\$109,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$49,700	\$2,500		\$4,200
Interior Architecture	\$101,400	\$900		\$1,100
Electrical	\$5,400	\$2,500	\$700	\$11,700
Mechanical	\$8,800	\$18,700	\$2,100	\$900
Site Pavements	\$12,400			
Total	\$177,700	\$24,600	\$2,700	\$17,900
Importance Code A	\$52,600	\$2,900	\$500	\$4,700
Importance Code B	\$89,300	\$20,700	\$2,300	\$13,200
Importance Code C	\$35,900	\$900		
Total			\$2,700	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 219/LADDER CO. 105

Asset #: 13112

rchitecture	Current Repair Future Replacement			Maintenance				
ystem Component Type		l Date Estima ears)	ted Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	Jnt Mortar Mi Location : T	ss/Erod, Extent hroughout				5	\$16,300	
	Rusting Masonry Supt, Extent: Moderate, Area Affected: 100% Location: All Masonry Supporting Lintels Caulking Deteriorated, Extent: Moderate, Area Affected: 100% Location: All Masonry Control Joints							
	Spalling, Exte	nt : Moderate, A everal Location	Area Affect		Side Facade			
Metal Panel	5%			2037	* *	5-10	\$6,600	
Wood	5%			2040	* *	5	\$4,800	
Wood Overhead Doors	5%			2032	* *	5	\$4,800	
Windows								
Aluminum		ot Funct, Exten	811,300 t : Modera	2035 te, Area	* * Affected : 10%	5	\$700	
	Unit Inoperab	le, Extent : Seve de Yard Windo		ffected :	50%			
Wood	5% N Dry Rot/Decay Location: Si	v, Extent : Seve	\$2,000 re, Area A <u>f</u>	2052 Fected : .	* *	5	\$400	1
		le, Extent : Seve	ere, Area A	ffected :	50%			
Parapets	50 /			2027	* *	-	#100	
Metal Panel	5%			2037	* *	5	\$100	
Metal Rail	45% 50% 2	. 4	\$1,100	2044 LIFE	* *	5-10	\$4,800 \$1,000	
Pre-Cast Concrete	50% 2-4 \$1,100 LIFE ** 5 \$1,900 Miss/Damaged Copings, Extent: Severe, Area Affected: 5% Location: Missing Portion Of Coping At All Elevations							
	=	riorated, Exten ll Coping Joints		te, Area	Affected : 100%			
Roof	5%			2040	* *	10	¢100	
Asphalt Shingle		1.2	33,400	2040	\$66,900	10	\$100	
Modified Bitumen	95% 0-2 \$33,400 2027 \$66,900 Miss/Damaged Flashings, Extent: Moderate, Area Affected: 50% Location: Roof Penetrations And Pitch Pockets							
		nt : Moderate, 1						
	Water Penetra Location : R	tion, Extent : M oof Hatch	loderate, A	rea Affe	cted : 5%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 219/LADDER CO. 105

Asset #: 13112

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	450/	2.4	Φ2 000	LIDE	* *	-	Ф1 2 200	
Cast in Place Concrete	_	2-4 Extent : Mo : Apparati	\$2,900 oderate, Area Affec us Floor	LIFE ted : 5%		5	\$12,300	
Ceramic Tile	10%	0-2	\$12,100	2040	* *	5	\$600	
			Extent : Moderate, A m-Shower Area Po			eaking T	o Below	
Quarry Tile	5%			2032	* *	5	\$900	
Vinyl Tile	40%	Now	\$17,000	2027	\$42,400	3	\$1,900	
vinyi ine	Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: 2nd Floor							
	Worn/Eroc	led, Extent	: Moderate, Area	Affected	: 20%			
	Location	: Through	out 2nd Floor					
Interior Walls								
Ceramic Tile	11%			2030	* *	5	\$1,900	
Concrete Masonry Unit		4+	\$2,300	LIFE	* *	5	\$2,100	
	Location	: Staircas	Extent : Moderate, 1 e ing Handrail	Area Affe	ected : 2%			
Gypsum Board	6%			LIFE	* *	5	\$600	
Plaster	18%			LIFE	* *	5	\$900	
SGFT/Glazed Masonry	32%	2-4	\$21,200	LIFE	* *	C	Ψ, σ, σ	
, and the second	Cracking/		, Extent : Moderate		ffected : 5%			
		led, Extent : Kitchen	t : Moderate, Area	Affected	: 20%			
Wood	3%			LIFE	* *	5	\$2,100	
Ceilings								
AcousTileConcealSpLn	Broken/Ma Location Worn/Eroc	: 2nd Floo	: Severe, Area Aff			5	\$2,300	
Metal Panel		Now	\$10,400	LIFE	* *	5	\$800	
ivical ranci	Broken/Mi		nents, Extent : Seve		Affected : 100%	3	\$600	
Plaster	65%	Now	\$5,300	LIFE	* *	5	\$5,100	
			Extent : Severe, Are Has Been Removed	a Affecte			. ,	
Site Enclosure								
Fence/Gates								
Chain link	85%			2037	* *			
Iron Picket	15%			2047	* *			
Free Standing Walls	10007			20.62	* *			
Cast in Place Concrete	100%			2062	* *			

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 219/LADDER CO. 105

Asset #: 13112

Architecture	Cı	urrent Repair	Futu	re Replacement	M	aintenance	
System Component Type	, , , , , , , ,	il Date Estimated Co (ears)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Parking/Driveway							
Asphalt	50% (0-2 \$70	00 2040	* *			
-	Cracking/Crui	mbling, Extent : Mode	rate, Area A	ffected : 80%			
	Location : Si	ide Yard Driveway					
Cast in Place Concrete	50% (0-2 \$11,70	00 2047	* *			
	Cracking/Crumbling, Extent: Severe, Area Affected: 100%						
	Location : B	uilding Front Entranc	e/ Driveway	/ Sidewalk			

Electrical	Current Repair	Future F	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100% 4+ \$2,400		* *	5		
	Other Observation, Extent: Light, A	rea Affected : .	100%			
	Location: Basement					
	Explanation: 250 Amp					
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring						
Braided Cloth	20%	2026	\$5,500	1		
Thermoplastic	80%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5	\$100	
	Other Observation, Extent: Light, And Location: 1st Floor	rea Affected : .	100%			
	Explanation: Motorized Operator	For 2 Overhea	nd Doors			
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2032	* *	1	\$2,800	
	Other Observation, Extent: Light, A	rea Affected : .	100%			
	Location: Basement					
	Explanation: 60 Amperes					
Generators						
Diesel	100%	2030	* *	1	\$3,500	
	Other Observation, Extent: Light, A	rea Affected : .	100%			
	Location: Basement					
	Explanation: 80 Kva					
Batteries						· · · · · · · · · · · · · · · · · · ·
Lead/Acid	100%	2020	\$1,500	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13112

Electrical	Current Re	Current Repair		e Replacement	M				
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Stand-by Power									
Fuel Storage									
Main Tank	100%		2042	* *	5	\$300			
	Other Observation, Ext	0 ,	Affected	: 100%					
	Location : Exterior -	Side Yard							
	Explanation : 275 Ga	llon							
Lighting									
Interior Lighting									
Fluorescent	95%		2032	* *	10	\$7,900			
	T-12 Lamps And Fixtur	_	, Area Ą	ffected : 100%					
	Location : Throughou	ıt							
Incandescent	5%		2022	\$2,900	2				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: 1st Floor Tv Room								
	Explanation: Incand	escent Lamps In U	Jse -						
Exterior Lighting									
HID	100%		2027	\$34,300	10				
Alarm									
Fire/Smoke Detection									
No Component	95%								
Generic, Analog	5% 0-2	\$2,400	2027	\$4,700	1-3	\$300			
	Devices Missing, Extent: Moderate, Area Affected: 100%								
	Location: 2nd Floor								
	Local/Battery Operated Detect, Extent : Light, Area Affected : 100%								
	Location: 2nd Floor								

echanical	Current Repair	Future Rep	lacement	M	aintenance		
rstem Component Type	% of Fail Date Estimated Co Total (Years)	year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
ating							
Energy Source							
Natural Gas	100%	2047	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2040	* *	1	\$4,500		
Distribution							
Hot Wtr Piping/Pump	80%	2043	* *	4	\$500		
Hot Wtr Piping/Pump	20%	2049	* *	4	\$100		
	Recent Repair Evident, Extent: Ligh	t, Area Affected : 2	20%				
	Location : Throughout						
Terminal Devices							
Convector/Radiator	70%	2040	* *	1	\$2,100		
Unit Heater - Steam	30%	2032	* *	4	\$400		
	Other Observation, Extent: Light, Area Affected: 30%						
	Location: Apparatus Floor						
	Explanation: Unit Heaters						

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13112

Mechanical	Current Repair	Future Rep	lacement	М		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source	1000/	2010	at at			
Electricity	100%	2049	* *	1		
Conversion Equipment Window/Wall Unit	100% Obsolete Equipment, Extent : Moder Location : Total House	2020 cate, Area Affected	\$17,700 : 100%	1		
Ventilation						
Distribution						
Ductwork/Diffusers	100% Needs Cleaning, Extent : Severe, Are Location : Total House	LIFE ea Affected : 100%	**	2-5	\$5,100	
Exhaust Fans						
Roof	90%	2035	* *	2	\$300	
Roof	10% Now \$1,40 Damaged, Extent: Severe, Area Affe Location: Rooftop		* *	2		
Plumbing	Zocarion : Roojrep					
H/C Water Piping Galvanized Steel	100%	2044	* *	1		
Water Heater						
Gas Fired	100%	2026	\$5,200	2	\$100	
	Other Observation, Extent: Light, A Location: Cellar	rea Affected : 100	%			
	Explanation: Two 75 Gallon Heat	ers				
Sanitary Piping	-					
Cast Iron	90%	LIFE	* *	1		
Cast Iron	10% Now \$6,20	0 LIFE	* *	1		
	Leak Evident, Extent : Severe, Area L Location : 2nd Floor Bathroom	Affected : 10%				
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2021	#2 00	,	#2 00	
Submersible	100%	2021	\$300	4	\$200	
Backflow Preventer	000/					
No Component	90%	2025	* *	1	\$100	
Generic	10% Other Observation, Extent: Light, A	2035		1	\$100	
	Location: Cellar	теи пујества . 10%	υ			
	Explanation : Boiler Feed					
Fixtures	Expansion Donor Loca					
Generic	100%					
Fire Suppression						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 219/LADDER CO. 105

Asset #: 13112

Mechanical	Current Repair	Future Replac	ement	М		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Sprinkler						
No Component	40%					
Generic	60%	2047	* *	1-2	\$1,500	
	Other Observation, Extent : L	ight, Area Affected : 100%				
	Location : Basement, Stair T	Tower And 2nd Floor				
	Explanation: Fully Sprinkle	d				
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 22/LADDER 13/ BATTALION 10

Address : 159 EAST 85th STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.022 / 13016 Yr Built/Renovated : 1961 /

Area Sq Ft : 8,256 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1514 Lot : 27 BIN : 1047937

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$56,600	
Interior Architecture		\$49,100
Electrical		\$85,400
Mechanical		\$62,400
Total	\$56,600	\$196,900
Importance Code A	\$56,600	
Importance Code B		\$196,900
Total	\$56,600	\$196,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$49,000	\$12,200		
Interior Architecture	\$24,500	\$700	\$1,000	\$1,300
Electrical	\$18,000	\$1,100	\$2,800	\$5,200
Mechanical	\$29,600	\$1,400	\$3,300	\$25,600
Total	\$121,100	\$15,400	\$7,100	\$32,100
Importance Code A	\$49,400	\$12,600	\$400	\$400
Importance Code B	\$69,900	\$2,800	\$6,500	\$31,700
Importance Code C	\$1,800		\$300	
Total	\$121,100	\$15,400	\$7,100	\$32,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13016

Architecture		Current	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior W. 11								
Exterior Walls Masonry: Brick		4+ issing Elen	\$11,400 nents, Extent : Ligh acade	LIFE t, Area A	** Affected : 1%	5	\$18,900	
Masonry: Limestone		2-4 r Miss/Eros : Front Fo	\$5,000 d, Extent : Modera acade	LIFE te, Area	* * Affected : 2%	5	\$1,700	
Metal Sect. OHD Wood Overhead Doors	Location	ervation, I : Ohd Gei	\$10,800 Extent : Severe, Are ts Stuck Upon Raiss		* * * * ed : 50%	5 5	\$1,400 \$2,800	
777' 1	Explanai	tion : Repl	ace Door					
Windows Aluminum	100%			2043	* *	5	\$600	
Parapets Cast Stone/Terra Cotta			\$3,300 ed, Extent : Moderd one Copings	LIFE ate, Area	* * Affected: 100%	5	\$2,000	
Masonry: Brick	-		\$17,200 oderate, Area Affec And Paint Peeling			5	\$1,500	
Roof Modified Bitumen			\$1,300 t : Moderate, Area	2032 Affected	**			
Roll Roofing	95%			2020	\$56,600	5	\$22,900	
Interior Floors								
Cast in Place Concrete		Crumbling : Apparat	, Extent : Light, Ard us Floor	LIFE ea Affect	* * red : 2%	5	\$14,200	
Ceramic Tile Quarry Tile	10% 5%			2030 2032	* *	5 5	\$1,400 \$1,100	
Vinyl Tile	40%			2027	\$49,100	3	\$2,200	
Interior Walls Cast in Place Concrete			ght, Area Affected : .nd Stairwell To Ce		* *			
Ceramic Tile Concrete Masonry Unit Plaster	40%	Now	\$1,800 t : Light, Area Affe	2036 LIFE LIFE cted: 10	* * * * * *	5 5 5	\$600 \$200 \$1,300	
	Water Pen		oout Extent : Severe, Are indow In Engine O <u>f</u>		ed : 2%			
SGFT/Glazed Masonry	45%		<i>J</i> - J.	LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

			Asset #: 13	010					
Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Ceilings	100/			2022	* *	-	¢1 400		
AcousTileSusp.Lay-In	10% 30%			2032 LIFE	**	5 5	\$1,400 \$700		
Exposed Concrete Plaster	50% 60%	Marr	\$22,700	LIFE	* *	5 5	\$700 \$5,400		
Plaster			\$22,700 xtent : Severe, Ared			3	\$3,400		
			or Dormitory And F						
ite Enclosure	Zoomon	. 2	20	70111 033					
Fence/Gates									
Chain link	100%			2047	* *				
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2040	* *				
On-Site Walkways									
Cast in Place Concrete	100%			2040	* *				
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance		
System	% of				·			Duionita	
Component	Total	(Years)	Estimated Cost	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority	
Tr	Total	(1 cars)				(113)			
Type									
Jnder 600 Volts									
Under 600 Volts Service Equipment	<u>'</u>								
Under 600 Volts Service Equipment Not Accessible	100%								
Under 600 Volts Service Equipment Not Accessible Raceway									
Under 600 Volts Service Equipment Not Accessible Raceway Conduit	100% 100%			2037	**	1			
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards	100%								
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs				2037	**	1 5	\$200		
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs Motor Controllers	100% 100%			2035	* *	5	\$200		
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs	100% 100% 100%	Now	\$1,400	2035	**		\$200		
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs Motor Controllers	100% 100% 100% Not Funct	ioning, Ext	ent : Moderate, Are	2035	**	5	\$200		
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs Motor Controllers	100% 100% 100% Not Functi	ioning, Ext : 1st Floo	ent : Moderate, Are r	2035 2032 ea Affect	** ** ed:100%	5	\$200		
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs Motor Controllers	100% 100% 100% Not Funct. Location Other Obs	ioning, Ext : 1st Floo ervation, E	ent : Moderate, Ard r Extent : Moderate, A	2035 2032 ea Affect	** ** ed:100%	5	\$200		
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs Motor Controllers	100% 100% 100% Not Funct Location Other Obs Location	ioning, Ext : 1st Floo ervation, E : 1st Floo	ent : Moderate, Ard r Extent : Moderate, 1	2035 2032 ea Affect Area Affe	* * ed : 100%	5			
Under 600 Volts Service Equipment Not Accessible Raceway Conduit Panelboards Molded Case Bkrs Motor Controllers	100% 100% 100% Not Funct Location Other Obs Location	ioning, Ext : 1st Floo ervation, E : 1st Floo	ent : Moderate, Ard r Extent : Moderate, A	2035 2032 ea Affect Area Affe	* * ed : 100%	5			

	Explanation : Operator For I	Apparatus Overhead D	oor Fails Must	Use Mani	ual Override
round					
Grounding Devices					
Not Accessible	100%				
and-by Power					
Transfer Switches					
Automatic	100%	2040	* *	1	\$2,500
Generators					
Diesel	100%	2036	* *	1	\$3,200
	Other Observation, Extent : Li	ght, Area Affected : 10	0%		
	Location: Side Yard				
	Explanation: 40 Kw/50 Kva	, 208/120 V, 3 Phase			
Batteries					
Lead/Acid	100%	2021	\$1,500	5	\$300

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13016

Electrical	Current Repair	Future Re	eplacement	M			
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
tand-by Power							
Fuel Storage	100%	2043	* *	5	¢1 500		
Day Tank	Other Observation, Extent: Light,			5	\$1,500		
	Location: Inside Emergency Get		00/0				
	Explanation: 50 Gallon Sub- Ba						
Lighting	r						
Interior Lighting							
Fluorescent	20%	2032	* *	10	\$1,500		
	T-8 Lamps And Fixtures, Extent:	Light, Area Affecte	d: 100%				
	Location: Basement						
Incandescent	5%	2022	\$2,600	2			
	Other Observation, Extent: Light, Area Affected: 100%						
	Location: Roof, 3rd And 2nd Flo	oors					
	Explanation: Halogen And Incar	ndescent Lighting	Observed				
LED	75%	2032	* *				
	Recent Replace Evident, Extent : Light, Area Affected : 100%						
	Location: 1st And 2nd Floors						
Egress Lighting							
Emergency, Service	50%	2027	\$2,000	1			
Exit, LED	50%	2042	* *	1			
Exterior Lighting							
HID	100% 0-2 \$15,6		* *				
	Other Observation, Extent : Mode	rate, Area Affectea	l : 100%				
	Location : Side Yard Facade						
1	Explanation: Wall Mounted						
Alarm							
Fire/Smoke Detection	100%	2027	\$85,400	1-3	\$5,100		
Generic, Analog	10070	2027	\$65,400	1-3	\$3,100		

lechanical	Current Repair	Future Re	eplacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2057	* *	1		
	Other Observation, Extent : Light, Ar	ea Affected : 10	00%			
	Location : Basement					
	Explanation : Gas Service Replaced	l During Inspec	tion			
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$4,100	
Distribution						
Hot Wtr Piping/Pump	100%	2035	* *	4	\$600	
Terminal Devices						
Convector/Radiator	90%	2032	* *	1	\$2,400	
Unit Heater - Steam	10%	2027	\$2,800	4	\$100	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13016

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment Exterior Pkg Unit -	15%	2-4	\$9,400	2037	* *	2	\$100	
Cooling						۷	\$100	
			Extent : Light, Area	Affected	l : 100%			
		: Lower R	=					
			s Kitchen Area					
Exterior Pkg Unit - Cooling	30%	2-4	\$18,800	2037	* *	2	\$100	
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location							
	Explana	ion : Split	Unit Serves 2nd Fl	oor				
Window/Wall Unit	40%			2022	\$6,400	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2	\$7,000	
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	50%			2027	\$62,400	1	\$1,300	
No Component	50%							
Heat Rejection								
Dry Cooler	50%			2022	\$17,800	2	\$2,900	
No Component	50%							
Ventilation								
Distribution	1000/				ماد ماد	2.5	D.A. 600	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,600	
Exhaust Fans	0.50/			2025	#12.2 00		#200	
Roof	95%			2027	\$12,200	2	\$200	
Wall Unit	5%			2027	\$100	2		
Plumbing								
H/C Water Piping	1000/			2027	* *	1		
Brass/Copper	100%			2037	<i>*</i> *	1		
Water Heater	100%			2025	¢4.700	2	¢100	
Gas Fired		amustian I	Extent : Light, Area	2025	\$4,700	2	\$100	
		ervanon, E : Basemer	_	Ajjecieu	. 10070			
			i Gallon Units					
Ci4 Dii	Explanal	ion : 2 - 7.	Gallon Units					
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	100%			LIFE		1		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	10070			LIFE		1		
Sump Pump(s) Submersible	100%			2019	\$300	4	\$300	
Fixtures	100%			2019	\$300	+	\$300	
Generic	100%							
Generic	10070							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 220/LADDER CO. 122

Address : 530 11th STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,508 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1096 Lot : 25 BIN : 3026278

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$165,800	
Total	\$165,800	
Importance Code A	\$165,800	
Total	\$165.800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,400	\$400		\$600
Interior Architecture	\$29,000			\$700
Electrical	\$3,800			\$14,400
Mechanical	\$26,600	\$1,100	\$2,500	\$1,100
Site Enclosure	\$13,800			
Total	\$84,700	\$1,500	\$2,500	\$16,900
Importance Code A	\$21,200	\$600	\$200	\$800
Importance Code B	\$63,500	\$900	\$2,300	\$15,800
Importance Code C				\$200
Total	\$84,700	\$1,500	\$2,500	\$16,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13224

Architecture		Current R	epair	Futur	e Replacement	M	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$4,700	
Masonry: Brick	35%	Now	\$39,900	LIFE	* *	5	\$6,600	
		r Miss/Erod, : Througho	Extent : Moderat ut	e, Area A	Affected : 10%			
		_	lerate, Area Affect	ed : 20%	6			
	Location	: Back Face	ade					
	Vegetation	Growth, Ex	xtent : Moderate, 1	Area Affe	ected : 15%			
	Location	: Back Face	ade					
Masonry: Limestone	55%	0-2	\$125,900	LIFE	* *	5	\$7,800	
,	Cracking/	Crumbling, I	Extent : Moderate		ffected : 10%		* - ,	
	Location	: Front Fac	cade	_				
Wood Overhead Doors	5%			2029	* *	5	\$4,700	
Windows							·	
Aluminum	100%			2040	* *	5	\$700	
Parapets								
Masonry: Brick	55%			LIFE	* *	5	\$500	
Masonry: Limestone	20%			LIFE	* *	5	\$200	
Metal Rail	10%			2037	* *	5-10	\$1,600	
Pre-Cast Concrete	10%			LIFE	* *	5	\$500	
Slate	5%	0-2	\$1,500	LIFE	* *	5		
	Cracking/	Crumbling, I	Extent : Light, Are	a Affecto	ed : 10%			
	Location	: 2 Story Ro	oof					
Roof								
Roll Roofing		Now	\$4,700	2023	\$23,500	5	\$4,700	
			tent : Light, Area Roof At Front Of					
Skylight, Plastic	10%	0-2	\$2,900	2029	* *	1		
,,	Water Pen	etration, Ex	tent : Moderate, A		ected : 10%	-		
terior	Location	: Engine Co	ompany Side					

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13224

Architecture	Current Repair			Future Replacement			aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Floors	400/	4.	#1.400		ماد ماد	_	Φ.5. 0.0.0		
Cast in Place Concrete	_	4+ Crumbling, : Basemen	\$1,400 Extent : Moderate t	LIFE , <i>Area A</i>	* * ffected : 20%	5	\$5,900		
Ceramic Tile	5%			2027	\$6,500	5	\$300		
Quarry Tile	5%			2029	* *	5	\$500		
Vinyl Tile	40%	0-2	\$2,300	2029	* *	3	\$1,000		
·	Location	: Through							
		led, Extent : Through	: Moderate, Area I out	Affected	: 30%				
Wood		Now	\$22,200	2064	* *	5	\$600		
			Extent : Severe, Ar	ea Affect	ted : 60%				
			Company Side						
			Moderate, Area Aj	fected :	15%				
		_	Company Side						
	-		: Moderate, Area . Company Side	Affected	: 30%				
Interior Walls									
Cast in Place Concrete	5%			LIFE	* *				
Ceramic Tile	5%			2027	\$12,800	5	\$500		
Concrete Masonry Unit	5%			LIFE	* *	5	\$200		
Gypsum Board	31%			LIFE	* *	5	\$1,700		
Masonry: Brick	5%			LIFE	* *				
Granite Panels	3%			LIFE	* *				
		ssing Elem : Through	ents, Extent : Ligh out	t, Area A	ffected : 2%				
Plaster	31%			LIFE	* *	5	\$900		
SGFT/Glazed Masonry	15%			LIFE	* *		4.00		
Ceilings									
AcousTileSusp.Lay-In	15%	Now	\$1,600	2037	* *	5	\$500		
1 ,			ents, Extent : Seve		Affected : 30%				
	Location	: Basemen	t Gymnasium						
	Staining/D		Extent : Moderate	, Area A	ffected : 10%				
			xtent : Moderate, A r - Engine Compar		cted : 5%				
Embossed Metal	10%	4+	\$1,200	LIFE	* *	5	\$300		
	Paint Peels	· - ·	: Moderate, Area		: 20%	-	77.0		
Exposed Struc: Steel	15%			LIFE	* *				
Gypsum Board	30%			LIFE	* *	5	\$2,500		
Plaster	30%			LIFE	* *	5	\$1,300		
Site Enclosure	2070			-H L		5	Ψ1,500		

Site Enclosure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13224

Architecture		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type		Fail Date Estim (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	\$13,800	2044	* *			
	Jnt Mortar I	Miss/Erod, Exten	t : Moderat	e, Area A	Affected : 15%			
	Location:	Throughout.						
	Spalling, Ex	tent : Moderate,	Area Affect	ed : 30%	ó			
	Location:	Throughout						
	Vegetation (Growth, Extent:	Moderate, A	rea Affe	ected : 20%			
	Location:	Throughout						
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2029	* *			
On-Site Walkways	•		•	•				
Cast in Place Concrete	100%			2029	* *			

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2034	* *	5		
	Other Observation, Extent : Modera	ate, Area Affecte	d: 100%			
	Location: Basement					
	Explanation : One 600 Amperes M Ladder Co.	1ain Disconnect	Switch Serving	Both En	gine Co. And	
Switchgear / Switchboard						
Fused Disc Sw	100%	2034	* *	5		
Raceway						
Conduit	30%	2034	* *	1		
Conduit	70%	2024	\$21,900	1		
Panelboards						
Fused Disc Sw	10%	2023	\$3,800	5		
Molded Case Bkrs	90%	2023	\$34,600	5	\$100	
Wiring						
Thermoplastic	30%	2034	* *	1		
Thermoplastic	70%	2024	\$19,400	1		
Motor Controllers						
Locally Mounted	100%	2022	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	100%	2024	\$12,200	10	\$4,100	
	Other Observation, Extent : Modera	ate, Area Affecte	d: 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13224

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Battery	50%		2019	\$3,000	10	\$500	
Exit, Service	50%		2019	\$300	1		
Exterior Lighting							
HID	100%		2024	\$17,000	10		

Mechanical		Current R	epair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating					1			
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$9,700	2041	* *	1	\$2,000	
	Malfunction	ning, Exten	t : Moderate, Area	a Affecte	d : 10%			
	Location	: Heating (Controls					
	Other Obse	ervation, E	ctent : Light, Area	Affected	: 100%			
	Location	: Basement	•					
	Explanati	ion : 2 Boil	ers Piped With Mo	anifold				
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	\$300	
Terminal Devices								
Air Handler	10%			2029	* *	1	\$300	
Convector/Radiator	80%			2037	* *	1	\$1,200	
Unit Heater - Steam	10%			2024	\$1,500	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit -	90%	0-2	\$14,200	2032	* *	2	\$200	
Heating/Cooling								
	Malfunction Location	_	t : Moderate, Area	a Affecte	d : 10%			
	Other Obse	ervation, E	ctent : Light, Area	Affected	: 100%			
	Location	: Roof						
		ion : Engin de - 2 Units	e Side - 2 Roof Un	nits / 1 Un	nit In Courtyard			
Window/Wall Unit	10%			2019	\$900	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$5,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,500	
Exhaust Fans								
Roof	100%			2029	* *	2	\$100	
Plumbing								

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13224

Mechanical	Current Repair	Future Replac	ement	Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing H/C Water Piping	4000	2011				
Brass/Copper	100%	2044	* *	1		
HW Heat Exchanger Steam Fired	100% Other Observation, Extent : Light, A	2044 Area Affected : 100%	* *	4	\$700	
	Location: Basement	rea rijjecica . 10070				
	Explanation: 180 Gallon Storage	Tank				
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100% Now \$40 Blockage /Clogged, Extent : Moder Location : Basement		* *	1		
	Leak Evident, Extent : Moderate, A. Location : Roof Drain, Second Flo					
Sump Pump(s) Submersible	100%	2019	\$100	4	\$100	
Backflow Preventer No Component Generic	50% 50% Other Observation, Extent : Light, A Location : Apparatus Floor Explanation : One Unit	2024 Area Affected : 100%	\$500	1	\$100	
Fixtures Generic	100%					
Fire Suppression Standpipe						
Generic	100%	2044	* *	1-5	\$2,300	
Sprinkler Generic	100% No Backflow Preventer, Extent : Mo Location : Main Service Entrance		* * : 100%	1-2	\$1,300	
Chemical System Dry	10% Other Observation, Extent : Light, A Location : Kitchen	2022 Area Affected : 100%	\$200	1-3	\$400	
No Component Generic	Explanation: Ansul-102 80% 10% Other Observation, Extent: Light, A Location: Throughout Explanation: Fire Extinguishers	2022 Area Affected : 100%	\$200	1-3	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 221/LADDER CO. 104 Address : 161 SOUTH SECOND STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.221 / 13114 Yr Built/Renovated : 1932 / 2007

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2406 Lot : 35 BIN : 3062972

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$189,800	
Interior Architecture	\$92,400	
Total	\$282,200	
Importance Code A	\$189,800	
Importance Code B	\$92,400	
Total	\$282,200	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$5,000	\$4,200		
Interior Architecture	\$10,000	\$800	\$1,300	
Electrical	\$100	\$100	\$100	\$5,400
Mechanical	\$10,100	\$1,100	\$1,100	\$5,600
Site Pavements	\$2,100			
Total	\$27,400	\$6,100	\$2,400	\$11,000
Importance Code A	\$5,600	\$4,800	\$600	\$600
Importance Code B	\$17,600	\$1,300	\$700	\$10,400
Importance Code C	\$4,100		\$1,100	
Total	\$27,400	\$6,100	\$2,400	\$11,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13114

rchitecture	Cu	rrent Repa	ir	Future	Replaceme	nt	nt Maintenance		
stem Component Type		l Date Esti ears)	imated Cost	Year I FY	Estimated C	ost	Cycle (Yrs)	Estimated Cost	Priorit
terior									
Exterior Walls	000/		4.50.500				_	446	
Masonry: Brick		ļ+ =	\$50,300	LIFE	1 50/	* *	5	\$16,700	
	Cracking/Crun Location : Th	_	ent : Light, Ar	ea Affectea	1:5%				
	Int Mortar Mi	_	tent · Modera	te Area At	fected · 30%	,			
	Location : Th			10, 11, 00, 11,	,00,000				
	Paint Peeling,	_	oderate, Area	Affected:	50%				
	Location : Re	ar And Sid	e Facades						
Masonry: Granite	2%			LIFE		* *	5	\$300	
Masonry: Limestone	10% 2	-4	\$4,600	LIFE		* *	5	\$1,600	
	Int Mortar Mi		_	rea Affecte	ed : 20%				
	Location : Fi	ont Facade	!						
Wood Overhead Doors	8%			2040		* *	5	\$8,400	
Windows	1000/			2042		* *	_	¢1 200	
Aluminum Parapets	100%			2043			5	\$1,200	
Masonry: Brick	75% 0	-2	\$49,200	LIFE		* *	5	\$1,700	1
Waseiny. Brick	Jnt Mortar Mi				ted : 20%		5	Ψ1,700	
	Location : M			33					
	Miss/Damaged	! Flashings,	Extent: Mod	lerate, Ared	a Affected : 2	25%			
	Location: F								
	Spalling, Exten	ıt : Severe, .	Area Affected	! : 25%					
	Location : Th	_							
	Worn/Eroded,		oderate, Area	Affected:	20%				
	Location : Th								
Masonry: Limestone	10% N		\$500	LIFE		* *	5	\$300	1
	Jnt Mortar Mi Location : Fi			Агеа Ађес	tea : 100%				
C1 4									
Slate	15% N			LIDD		* *	_	Ф200	
Siare		2 Flomonte	\$38,500	LIFE		* *	5	\$300	
Sime	Broken/Missin	_	Extent: Light	nt, Area Aff	fected : 15%	* *	5	\$300	
Side	Broken/Missin Location : Ti	roughout S	Extent : Ligh ide And Rear	nt, Area Aff Elevations	fected : 15% s	* *	5	\$300	
	Broken/Missin Location : Ti Jnt Mortar Mi	roughout S ss/Erod, Ext	Extent : Ligh ide And Rear	nt, Area Aff Elevations	fected : 15% s	* *	5	\$300	
	Broken/Missin Location: Ti Jnt Mortar Mi Location: Ti	aroughout S ss/Erod, Ext aroughout	Extent : Ligh ide And Rear tent : Severe,	nt, Area Aff Elevations Area Affec	fected : 15% s ted : 100%	* *	5	\$300	
	Broken/Missin Location : Ti Jnt Mortar Mi	nroughout S ss/Erod, Ext nroughout Extent : Mo	Extent : Ligh ide And Rear tent : Severe,	nt, Area Aff Elevations Area Affec	fected : 15% s ted : 100%	* *	5	\$300	
Roof	Broken/Missin Location: Ti Jnt Mortar Mi Location: Ti Worn/Eroded,	nroughout S ss/Erod, Ext nroughout Extent : Mo	Extent : Ligh ide And Rear tent : Severe,	nt, Area Aff Elevations Area Affec	fected : 15% s ted : 100%	* *	5	\$300	
	Broken/Missin Location: The Jnt Mortar Mi. Location: The Worn/Eroded, Location: The	nroughout S ss/Erod, Ext nroughout Extent : Mo nroughout -2	Extent : Lightide And Rear tent : Severe, oderate, Area \$51,800	nt, Area Aff Elevations Area Affec Affected :	fected : 15% s ted : 100%	* *	5	\$300	
Roof	Broken/Missin Location: The Jnt Mortar Mi. Location: The Worn/Eroded, Location: The 98% Contaction Evident	aroughout S ss/Erod, Ext aroughout Extent : Mo aroughout -2 ent, Extent :	Extent : Lightide And Rear tent : Severe, oderate, Area \$51,800 Moderate, A	nt, Area Aff Elevations Area Affec Affected : 2037 rea Affecte	fected : 15% s ted : 100%		5	\$300	
Roof	Broken/Missin Location: Ti Jnt Mortar Mi. Location: Ti Worn/Eroded, Location: Ti 98% Patching Evide Location: Fi	aroughout S SS/Erod, Ext aroughout Extent: Mo aroughout -2 ent, Extent: cont Of Buil	Extent : Lightide And Reartent : Severe, oderate, Area \$51,800 Moderate, A ding By Drain	nt, Area Aff Elevations Area Affec Affected : 2037 rea Affecten	fected : 15% s ted : 100% 100% ed : 15%		5	\$300	
Roof	Broken/Missin Location: Ti Jnt Mortar Mi. Location: Ti Worn/Eroded, Location: Ti 98% C Patching Evide Location: Fi Water Penetra	aroughout S SS/Erod, Ext aroughout Extent: Mo aroughout -2 ent, Extent: cont Of Buil tion, Extent	Extent: Light ide And Rear tent: Severe, oderate, Area \$51,800 Moderate, A ding By Drain: Light, Area	nt, Area Aff Elevations Area Affec Affected : 2037 rea Affecte n	fected : 15% s ted : 100% 100% ed : 15%		5	\$300	
Roof	Broken/Missin Location: Tr Jnt Mortar Mi. Location: Tr Worn/Eroded, Location: Tr 98% C Patching Evide Location: Fr Water Penetra Location: Fr	aroughout S ss/Erod, Ext aroughout Extent: Mo aroughout -2 ent, Extent: cont Of Buil tion, Extent cont Of Buil	Extent : Light ide And Rear tent : Severe, oderate, Area \$51,800 Moderate, A ding By Drain : Light, Area ding By Drain By Drain	at, Area Aff Elevations Area Affec Affected: 2037 rea Affecte n Affected:	fected : 15% s ted : 100% 100% d : 15%		5	\$300	
Roof	Broken/Missin Location: The Jnt Mortar Mi. Location: The Worn/Eroded, Location: The 98% (C) Patching Evide Location: Followers Followers Water Penetral Location: Followers Worn/Eroded,	aroughout S ss/Erod, Ext aroughout Extent: Mo aroughout -2 ent, Extent: cont Of Buil tion, Extent event Of Buil Extent: Mo	Extent : Light ide And Rear tent : Severe, oderate, Area \$51,800 Moderate, A ding By Drain : Light, Area ding By Drain By Drain	at, Area Aff Elevations Area Affec Affected: 2037 rea Affecte n Affected:	fected : 15% s ted : 100% 100% d : 15%		5	\$300	
Roof Modified Bitumen	Broken/Missin Location: Ti Jnt Mortar Mi. Location: Ti Worn/Eroded, Location: Ti 98% C Patching Evid. Location: Fi Water Penetra Location: Fi Worn/Eroded, Location: Ti	aroughout S ss/Erod, Ext aroughout Extent: Mo aroughout -2 ent, Extent: cont Of Buil tion, Extent event Of Buil Extent: Mo	Extent : Light ide And Rear tent : Severe, oderate, Area \$51,800 Moderate, A ding By Drain : Light, Area ding By Drain By Drain	nt, Area Aff Elevations Area Affec Affected: 2037 rea Affecte n Affected: n Affected:	fected: 15% s ted: 100% 100% ed: 15% 10%				
Roof	Broken/Missin Location: The Jnt Mortar Mi. Location: The Worn/Eroded, Location: The 98% (C) Patching Evide Location: Followers Followers Water Penetral Location: Followers Worn/Eroded,	aroughout S SS/Erod, Ext aroughout Extent: Mo aroughout -2 ent, Extent: cont Of Buil tion, Extent cont Of Buil Extent: Mo aroughout	Extent: Light ide And Rear tent: Severe, oderate, Area \$51,800 Moderate, A ding By Drain: Light, Area ding By Drain oderate, Area	at, Area Aff Elevations Area Affected: 2037 rea Affected: a Affected: n Affected:	fected: 15% sted: 100% 100% d: 15% 10%	**	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13114

Architecture		Current Repair Future Replacement		re Replacement	t Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Cast in Place Concrete	Cracking/o Location Other Obs Location	: Through ervation, E : Apparati	Extent : Severe, Are us Room	And Bea a Affecte	ms In Basement Ar				
Ceramic Tile	5%	ion . Sieei	Commis Tha Bear	$\frac{10000}{2036}$	**	5	\$500		
Quarry Tile	5%	1⊥	\$2,600	2030	* *				
Quality The	Broken/Mi	5% 4+ \$2,600 2047 ** 5 \$300 roken/Missing Elements, Extent: Light, Area Affected: 15% Location: Kitchen							
Vinyl Tile	45%			2032	* *	3	\$1,500		
Interior Walls									
Cast in Place Concrete	30%			LIFE	* *	_	**		
Ceramic Tile	15%			2036	* *	5	\$2,100		
Masonry: Brick Plaster	20% 35%	Now	\$2,000	LIFE LIFE	* *	5	\$1,500		
	Cracking/o Location Paint Peel	Crumbling, : Roof Acc ing, Extent	Extent: Moderate	trance, 2	nd Floor Miscellar				
Ceilings	50 /			2040	* *	_	Φ.500		
AcousTileSusp.Lay-In	5%	N I	¢40.500	2040	**	5	\$500		
Exposed Concrete	Exposed R Location Spalling, I Location Other Obs Location	15% Now \$49,500 LIFE ** 5 \$200 Exposed Reinforcement, Extent: Moderate, Area Affected: 15% Location: Cellar Under Apparatus Floor Spalling, Extent: Severe, Area Affected: 15% Location: Cellar Under Apparatus Floor Other Observation, Extent: Severe, Area Affected: 80% Location: Cellar Explanation: Structurally Insufficient And Supported By Temporary Steel Columns							
Plaster	Cracking/o Location Water Pen	: Through etration, E	\$5,400 Extent: Light, Areout Extent: Light, Area or Office At Front (ea Affect Affected	ed : 10% ! : 5%	5	\$5,100		
Site Enclosure									
Fence/Gates									
Chain link	97%			2047	* *				
Iron Picket	3%			2062	* *				
Site Pavements									
On-Site Walkways	1000/			2040	* *				
Cast in Place Concrete	100%			2040	<i>~</i> *				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13114

Architecture	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% Now \$2,100 2047 **

Cracking/Crumbling, Extent: Moderate, Area Affected: 30%

Location: Front Of Driveway

Electrical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts	•					
Service Equipment						
Fused Disc Sw	100%	2047	* *	5		
	Other Observation, Extent : Light,	Area Affected : 100	%			
	Location: Basement					
	Explanation: One 400 Amperes					
Raceway						
Conduit	50%	2047	* *	1		
Conduit	50%	2037	* *	1		
Panelboards						
Fused Disc Sw	20%	2043	* *	5		
Molded Case Bkrs	50%	2035	* *	5	\$100	
Molded Case Bkrs	30%	2043	* *	5		
Wiring						
Thermoplastic	100%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5		
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent: Moder	ate, Area Affected :	100%			
	Location: Basement					
	Explanation: The Is No Ground	Wire Jumper For Th	ne Water Mei	ter.		
ighting						
Interior Lighting						
Fluorescent	95%	2032	* *	10	\$5,300	
	Other Observation, Extent: Light,	Area Affected : 100	%			
	Location: Throughout Firehouse					
	Explanation: T8 Lamps					
Incandescent	5%	2032	* *	2		
Egress Lighting						
Exit, Service	100%	2027	\$700	1		
Exterior Lighting			7			
HID	100%	2032	* *	10		
larm		- -				
Security System						
No Component	80%					
Generic	20%	2032	* *	1	\$500	
Centerio	2070	2002		•	Ψ200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13114

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
No Component	95%			
Generic, Digital	5%	2027 \$3,200	1-3 \$200	
_	Local/Battery Operated Detect, Extent	: Light, Area Affected : 100	%	
	Location: Various Locations Around	Building		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Steam Boiler	-	lace Evider : Basement	nt, Extent : Light,	2040 Area Aff	* * ected : 100%	1	\$6,100	
Distribution								
Central Plant Steam Piping/Pmp	100%			2037	* *	4	\$300	
Terminal Devices								
Convector/Radiator	Other Obse	Now ervation, Ex : Througho	\$2,800 ctent : Moderate, 1 ut	2032 Area Affe	* * ected : 10%	1	\$1,600	
	Explanati	on : Radia	tor Valves Need R	eplacem	ent - Several Radio	itors Ren	ıoved	
Unit Heater - Steam	10%			2027	\$2,000	4	\$100	
Air Conditioning								
Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	40%			2032	* *			
Window/Wall Unit	Broken, Ex		\$1,000 erate, Area Affecte Officers Office	2022 ed : 50%	\$4,800	1		
No Component	20%							
Ventilation Distribution								
Ductwork/Diffusers	Damaged,	Now Extent : Set : Kitchen H	\$2,100 vere, Area Affecte lood Duct	LIFE d : 50%	* *	2-5	\$700	
	Location	: Kitchen H						
	Leaks Fre	-	ce Wrong Installa	tion Of K	Citchen Hood And A	Associate	d Ducts. Grease	
No Component	80%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13114

echanical	Current Repair	Future I	Future Replacement		Maintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ntilation						
Exhaust Fans						
Roof	30%	2032	* *	2	\$100	
Wall Unit	20% Now	2027	\$400	2		
	Malfunctioning, Extent: Light, Area A Location: Apparatus Floor, Defecti					
No Component	50%					
ımbing						
H/C Water Piping						
Brass/Copper	10%	2047	* *	1		
Втазы серрег	Not Insulated, Extent : Light, Area Af Location : Basement	fected : 100%	,			
	Other Observation, Extent: Light, Ar	ea Affected : .	5%			
	Location : Basement	33				
	Explanation: No Dilectric Fittings					
Galvanized Steel	90%	2032	* *	1		
Water Heater	2070	2032				
Gas Fired	100%	2025	\$3,500	2	\$100	
Gus I nou	Other Observation, Extent : Light, Ar Location : Basement	ea Affected : .		2	Ψ100	
	Explanation : 2 Units @ 74 Gallons booster Pump	Each				
Sanitary Piping						
Cast Iron	100% Now \$2,100 Leak Evident, Extent : Light, Area Aff Location : Basement		* *	1		
Storm Drain Piping						
Cast Iron	70% Now \$800 Leak Evident, Extent : Light, Area Afj		* *	1		
	Location: South East Corner Of Sec	cond Floor, P	robable Roof Di	rain Pipe	Leak	
Cast Iron	30% Now \$700) LIFE	* *	1		
	Blockage /Clogged, Extent : Severe, A Location : Basement		: 100%	-		
Sump Pump(s)						
Submersible	100%	2020	\$200	4	\$200	
	Other Observation, Extent : Moderate	e, Area Affecto	ed : 100%			
	Location : Basement					
	Explanation : Inadequate					
Fixtures	1000/					
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 222/BATTALION 37/ COMBINED FACILITY

Address : 32 RALPH AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.222 / 13115 Yr Built/Renovated : 1973 /

Area Sq Ft : 9,206 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Apr-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1633 Lot : 39 BIN : 3044596

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$89,900	
Interior Architecture		\$35,100
Mechanical		\$200,300
Total	\$89,900	\$235,400
Importance Code A	\$89,900	
Importance Code B		\$235,400
Total	\$89,900	\$235,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$33,400			\$12,200
Interior Architecture	\$11,900	\$1,400		\$2,900
Electrical	\$500	\$200		\$17,700
Mechanical	\$10,200	\$1,700	\$39,800	\$9,900
Total	\$55,900	\$3,300	\$39,800	\$42,800
Importance Code A	\$33,800	\$500	\$500	\$12,700
Importance Code B	\$19,100	\$2,100	\$39,400	\$30,100
Importance Code C	\$2,900	\$700		
Total	\$55,900	\$3,300	\$39,800	\$42,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13115

Architecture	Current R	lepair	Future Replacement		M	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	500/ N I	#21 000	LIEE	* *	_	Ф. Т. 200	1
Masonry: Brick	50% Now Expansion Int Failure	\$31,800	LIFE		5	\$5,300	1
	Location : Rear Brid						
Metal Sect. OHD	10%	n I wedde III Item	2032	**	5	\$3,300	
Pre-Cast Concrete	40%		LIFE	* *	5	\$13,700	
Windows	7070		LITE			\$13,700	
Aluminum	90% Now	\$41,700	2052	* *	5	\$500	
T Training III	Air Infiltration, Exten			: 50%	J	Ψ200	
	Location : Through						
	Broken/Missing Elem	ents, Extent : Mod	erate, Are	ea Affected : 25%			
	Location: Throughout	out					
	Corrosion/Rusting, Ex						
	Location: Window	•					
	Water Penetration, Ex		a Affected	d : 20%			
	Location : Througho	out					
Aluminum	10%		2043	* *	5	\$100	
	Other Observation, E.		Affected	: 100%			
	Location: 2nd Floo						
D	Explanation: (2) Ne	w Windows At Ba	ttalion Ci	nef Office			
Parapets Masonry: Brick	70%		LIFE	* *	5	\$800	
Metal: Cage/Fence	10% Now	\$700	2032	* *	5	\$400	
Wictai. Cago, i chec	Broken/Missing Elem	•		ea Affected : 10%	3	ψ100	
	Location : Side Para		,				
Pre-Cast Concrete	20% 2-4	\$800	LIFE	* *	5	\$1,500	
110 0000 000000	Caulking Deteriorated	·		Affected : 20%		ψ1,e σσ	
	Location : Through						
Roof							
Built-Up (BUR)	100%		2022	\$48,200	10	\$10,500	
nterior							
Floors	4-0/			di di	_	444 600	
Cast in Place Concrete	45%		LIFE	* *	5	\$13,600	
Ceramic Tile	10% 15% 4+	¢1 000	2030	* *	5	\$1,400	
Terrazzo	15% 4+ Broken/Missing Elem	\$1,900 onts Extent : Liah	LIFE		5	\$1,600	
	Location : Stairwell	_	і, ліей Ај	jecieu . 1070			
Vinyl Tile	30% 2-4	\$7,000	2027	\$35,100	3	\$1,600	
v myr i lle	Broken/Missing Elem				5	\$1,000	
	Location : 2nd Floo						
	Worn/Eroded, Extent						
	Location : Through	-					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13115

Architecture		Current Repair	Futu	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Ceramic Tile	10%		2030	* *	5	\$1,500	
Gypsum Board	10%		LIFE	* *	5	\$900	
Plaster	25%	Now \$2,90	0 LIFE	* *	5	\$1,100	
	Spalling, I	Extent : Severe, Area Affec	ted : 15%				
	Location	: 2nd Floor Weight Room	, Corridor I	By Suana			
	Water Pen	etration, Extent : Severe, A	Area Affecte	ed : 10%			
	Location	: 2nd Floor Weight Room					
Plywood/Hardboard	5%		LIFE	* *			
SGFT/Glazed Masonry	50%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	45%		2032	* *	5	\$4,800	
Exposed Concrete	40%		LIFE	* *	5	\$700	
Gypsum Board	5%		LIFE	* *	5	\$700	
Plaster	10%		LIFE	* *	5	\$700	
	Paint Peel	ling, Extent : Moderate, Ar	ea Affected	: 25%			
	Location	: Throughout					
Site Enclosure							
Free Standing Walls							
Masonry: Brick	100%		2037	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Not Accessible	100%						
Raceway							
Conduit	100%		2027	\$31,300	1		
Panelboards							
Molded Case Bkrs	100%		2035	* *	5	\$200	
Wiring							
Thermoplastic	100%		2037	* *	1		
Motor Controllers							
Locally Mounted	100%		2025	\$14,400	5	\$100	
Ground							
Grounding Devices							
Not Accessible	100%						
Stand-by Power							
Transfer Switches							
Not Accessible	100%						
Generators							
Not Accessible	100%						
Batteries							
Not Accessible	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13115

Electrical	Current Repair	Future R	eplacement M		aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	95%	2027	\$23,700	10	\$8,000	
	=	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%				
	Location: Throughout					
Incandescent	5%	2022	\$2,900	2		
	Other Observation, Extent : Light	ht, Area Affected : 1	00%			
	Location : In Office					
	Explanation: Downlights					
Egress Lighting						
Emergency, Service	50%	2027	\$2,300	1		
Exit, Service	50%	2027	\$500	1		
Exterior Lighting						
HID	50%	2027	\$17,400	10		
Incandescent	50%	2022	\$14,700	2		
Alarm						
Security System						
Not Accessible	100%					
Fire/Smoke Detection						
No Component	95%					
Generic, Digital	5% 0-2	\$500 2037	* *	1-3	\$300	
	Devices Damaged, Extent : Ligh	t, Area Affected : 50	0%			
	Location : Through Out The B	uilding				
	Devices Missing, Extent: Light,	Area Affected : 50%	6			
	Location : Throughout Buildin	g				
	Local/Battery Operated Detect, Location: Throughout Buildin	_	Affected: 1009	%		

Mechanical	Current Repair	Future Replacement	Ма	intenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
eating	*				
Energy Source					
Natural Gas	100%	2047 **	1		
	Other Observation, Extent: Light, Are	ea Affected : 100%			
	Location : Basement				
	Explanation: Located In Basement (Of N Y P D Area			
Conversion Equipment					
Hot Water Boiler	100%	2040 **	1	\$4,600	
	Other Observation, Extent: Light, Are	ea Affected : 100%			
	Location : Basement				
	Explanation: Located In Basement (Of N Y P D Area			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13115

Mechanical	Current Re	epair	Futur	e Replacement	M		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution	1000/		20.42	ماد ماد		4500	
Hot Wtr Piping/Pump	100%	T. I. A	2043	**	4	\$700	
	Other Observation, Ex. Location: Basement	tent : Light, Area	Аဌјестеа	: 100%			
	Explanation: Piping	Comes From Ras	ement ()	fNYPDArea			
Terminal Devices	Explanation . 1 tping	Comes I rom Bus	emeni O	jiv I I Dilleu			
Convector/Radiator	95% Now	\$900	2040	* *	1	\$2,500	
0 011 / 0 001 / 1 0 001	Other Observation, Ex	*		cted : 50%	-	\$ - ,000	
	Location : Entire Hot						
	Explanation : Fireho	use Side Of Syster	n Has Co	omfort Control Issa	ues		
Unit Heater - Steam	5%		2027	\$1,500	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
	Other Observation, Ex		Affected	: 100%			
	Location : Penthouse						
	Explanation : Locate	d In Penthouse Al	ove N Y	P D Area			
Conversion Equipment							
Reciprocating Compr/Chiller	50%		2027	\$36,500	1	\$2,100	
	Other Observation, Ex		Affected	: 100%			
	Location: Penthouse						
	Explanation : Locate	d In Penthouse Al	ove N Y	P D Area			
Split Unit	10%		2032	* *			
Window/Wall Unit	40%		2022	\$7,200	1		
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$12,000	
Terminal Devices	1000/ 31	Ф2 200	2027	#162.000		#2.700	
Fan Coil - 2 Pipe	100% Now	\$3,300	2027	\$163,800	1	\$2,700	
	Other Observation, Ex		Affected	: 100%			
	Location: Penthouse		37.37	TDD 4 / E' 1	4	II C C	
	Explanation : Locate Control Issues	a In Pentnouse At	oove N 1	P D Area / Firenc	ouse Arec	ı Has Comjort	
Heat Rejection	Connormances						
Water Cooling Tower	100%		2021	\$32,700	2	\$9,300	
5	Other Observation, Ex	tent : Light, Area				4- 9	
	Location : Maintaine						
	Explanation: NYPD						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13115

Mechanical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	50%	2027	\$15,300	2	\$100	
Roof	40% 4+	\$600 2027	\$5,700	2	\$100	
	Dented, Extent : Moderate, Location : Roof Kitchen F					
Doof	10% Now	\$1,400 2037	* *	2		
Roof	10% Now Abandoned in Place, Extent	. ,		2		
	Location : Roof	. тоиетине, Атеи Ајјес	ieu . 10070			
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Electric	100%	2025	\$7,600	4	\$100	
	Other Observation, Extent:	Light, Area Affected: 1	100%			
	Location : 1st Floor					
	Explanation : 2 - 120 Gall	on Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100% Now	\$900 LIFE	* *	1		
	Blockage /Clogged, Extent:	Moderate, Area Affecte	ed : 100%			
	Location : Rear Yard					
Backflow Preventer	1000/					
Generic	100%	2032	* *	1	\$600	
	Other Observation, Extent:	Light, Area Affected: I	100%			
	Location: Basement	043777 = 1				
	Explanation: Located In 1	Basement Of NYPDA	rea			
Fixtures	1000/					
Generic	100%					
Fire Suppression						
Standpipe .	1000/	• • • •	.a. •		4.400	
Generic	100%	2047	* *	1-5	\$4,600	
	Other Observation, Extent:	Light, Area Affected: I	100%			
	Location : Stair					
	Explanation: Connections	s At 1st And 2nd Floors				
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 224 Address : 274 HICKS STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.224 / 13116 Yr Built/Renovated : 1903 /

Area Sq Ft : 5,328 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Apr-2016 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 260 Lot : 36 BIN : 3002336

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,500	\$600		\$5,700
Interior Architecture	\$60,800	\$1,000	\$300	\$300
Electrical	\$4,500		\$100	\$27,800
Mechanical	\$6,700	\$700	\$1,000	\$12,100
Total	\$111,500	\$2,400	\$1,300	\$45,900
Importance Code A	\$40,100	\$1,200	\$500	\$6,200
Importance Code B	\$68,500	\$700	\$800	\$39,700
Importance Code C	\$2,900	\$600		
Total	\$111,500	\$2,400	\$1,300	\$45,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 224

Asset #: 13116

rchitecture		Current Rep	oair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	0-2	\$26,300	LIFE	* *	5	\$16,000	
			nt : Light, Area	Affected	: 5%			
	Location							
Masonry: Granite	5%	4+	\$3,500	LIFE	* *	5	\$1,000	
			Extent : Light, A	rea Affec	ted : 5%			
		: Throughout						
Masonry: Limestone	10%	4+	\$7,000	LIFE	* *	5	\$2,000	
			Extent : Light, A	rea Affec	ted : 5%			
	Location	: Throughout						
Masonry: Limestone	20%			LIFE	* *	5	\$4,000	
Wood Overhead Doors	5%			2032	* *	5	\$6,700	
Windows								
Aluminum	100%			2035	* *	5	\$1,300	
Parapets								
Masonry: Brick	85%	4+	\$2,400	LIFE	* *	5	\$1,900	
		Miss/Erod, E : Throughout	Extent : Light, A	rea Affec	ted : 5%			
Pre-Cast Concrete	15%	4+	\$300	LIFE	* *	5	\$2,100	
	Jnt Mortar	Miss/Erod, E	Extent : Light, A		ted : 5%		, ,	
		: Throughout	_					
Roof								
Copper/Terne	15%			2042	* *	10	\$2,300	
Modified Bitumen	80%			2027	\$31,500	10	\$5,000	
Skylight, Metal/Glass	5%			2047	* *	10	\$1,000	
Interior								
Floors								
Cast in Place Concrete		Now	\$23,600	LIFE	* *	5	\$7,600	
		Crumbling, Ex : Throughout	ctent : Severe, A	rea Affec	ted : 50%			
			nt : Moderate, .	Area Affe	cted : 50%			
	Location	: Apparatus I	Floor					
	Explanati	ion : Slab Is S	Structurally Inst	ıfficent T	o Carry Current Le	oads		
Ceramic Tile	10%			2030	* *	5	\$900	
Quarry Tile	5%			2032	* *	5	\$700	
Vinyl Tile	25%			2027	\$20,100	3	\$800	
Wood	20%	4+	\$1,200	2042	* *	5	\$1,600	
	Deteriorate	ed Finish, Ext	ent : Moderate,	Area Afj	fected : 30%			
	Location	: Throughout						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 224

Asset #: 13116

* * * * * * * * * * * * * * * * * * *	Cycle (Yrs) 5 5	\$1,200 \$400	Priority
* * * * * *			
* * *			
* * * * *			
* *	5	\$400	
* *			
* *			
* *	5	\$1,300	
* *			
**	5	\$2,500	
**	5	\$300	
* *	5	\$500	
* *			
* *			
	** ** ** ** **	** 5 ** 5 ** 5 ** 5 ** 5	** 5 \$1,300 ** 5 \$200 ** 5 \$2,500 ** 5 \$300 ** 5 \$500

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$5,300	5		
	Enclosure Corroded, Extent: Light, Ar	ea Affected	l : 10%			
	Location: Basement					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 224

Asset #: 13116

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway	000/	• • • •	de de			
Conduit	90%	2037	* *	1		
Conduit	-	400 2057	* *	1		
	Corroded, Extent : Moderate, Are Location : Basement	a Affected : 100%				
Panelboards						
Fused Disc Sw	20%	2026	\$8,400	5		
Molded Case Bkrs	60%	2026	\$25,200	5	\$100	
Molded Case Bkrs	20%	2035	* *	5		
	Other Observation, Extent : Light Location : Basement					
	Explanation : Main Distribution Structural Support For Apparate		From Access D	ие То Те	emporary	
Wiring Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5		
Ground						
Grounding Devices				_	****	
Generic		000 LIFE	**	5	\$100	
	Other Observation, Extent : Mode Location : Basement - Water Mo		d : 100%			
	Explanation: Corroded					
Lighting						
Interior Lighting						
Fluorescent	68%	2027	\$10,700	10	\$3,300	
	Other Observation, Extent: Mode	erate, Area Affecteo	d : 100%			
	Location : Throughout					
	Explanation: T-8 Lamps					
Fluorescent	30%	2022	\$4,700	10	\$1,500	
	Other Observation, Extent: Mode	rate, Area Affected	d: 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Incandescent	2%	2022	\$700	2		
Egress Lighting						
Emergency, Service	50%	2027	\$1,400	1		
No Component	50%					
Exterior Lighting						
HID	67%	2022	\$14,700	10		
Incandescent	33%	2022	\$6,100	2		
						-

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 224

Asset #: 13116

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source	1000/	20.45				
Natural Gas	100%	2047	* *	1		
Conversion Equipment	1000/	2040	* *	1	\$5.200	
Steam Boiler	100% Other Observation, Extent: Light, A	2040		1	\$5,300	
	Location : Basement	геи Ајјестеи .	100/0			
	Explanation: 1 Natural Gas Fired	Steam Boiler				
Distribution	Espianarion : 1 Manufat Gas 1 trea	Steam Botter				
Central Plant Steam	100%	2047	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2032	* *	1	\$1,700	
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2022	\$11,300	1		
Ventilation						
Distribution	5% 4+ \$2,500	O LIEE	* *	2.5	\$200	
Ductwork/Diffusers	5% 4+ \$2,500 Corroded, Extent : Light, Area Affect			2-5	\$200	
	Location: Kitchen Hood Duct	ieu . 2070				
No Commonant	95%					
No Component Exhaust Fans	93%					
Interior	20%	2032	* *	2		
Roof	10%	2027	\$900	2		
Wall Unit	20%	2027	\$400	2		
wan em	Other Observation, Extent : Light, Ar			-		
	Location : Apparatus Floor	33				
	Explanation: 1 Wall Unit					
No Component	50%					
Plumbing						
H/C Water Piping						
Brass/Copper	10%	2047	* *	1		
Galvanized Steel	90%	2040	* *	1		
Water Heater						
Gas Fired	100%	2025	\$3,300	2	\$100	
	Other Observation, Extent : Light, Ar	rea Affected .	100%			
	Location: Basement					
	Explanation: Two 75 Gallon					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 224

Asset #: 13116

Mechanical	Cu	ırrent Repa	ir	Futur	e Replacemen	t <u> </u>	Maintenance	
System Component Type		il Date Esti 'ears)	imated Cost	Year FY	Estimated Co	cst Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	85%			LIFE		* 1		
Cast Iron	•	low	\$1,000	LIFE		* 1		
	Leak Evident, Location : D		*	Affected :	10%			
Cast Iron	10% N	low	\$1,600	LIFE	*	* 1		
	Other Observa	ation, Extent	: Moderate,	Area Affe	cted : 25%			
	Location : Bo	asement						
	Explanation	: Floods Wi	th Sewage Di	uring Rain	ıstorm			
Storm Drain Piping								
Cast Iron	90%			LIFE	*	* 1		
Cast Iron	10% N		\$700	LIFE		* 1		
	Blockage /Clo	gged, Exten	t : Moderate,	Area Affe	ected : 25%			
	Location : Bo	asement						
	Other Observa	ation, Extent	: Moderate,	Area Affe	cted : 25%			
	Location : Bo	asement						
	Explanation	: Floods Oc	casionally					
Sump Pump(s)								
Submersible	100%			2021	\$20	00 4	\$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	10%			2025	\$20	00 1-3	\$500	
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 225 / LADDER 107 / BATTALION 39

Address : 799 LINCOLN AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.225 / 13117 Yr Built/Renovated : 1970 /

Area Sq Ft : 8,320 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4271 Lot : 75 BIN : 3095894

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$85,800	\$67,900
Mechanical	\$57,000	
Total	\$142,800	\$67,900
Importance Code A	\$142,800	\$67,900
Total	\$142,800	\$67,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,800	\$2,800		\$16,200
Interior Architecture	\$24,700	\$400	\$1,600	\$300
Electrical	\$1,700	\$2,400	\$600	\$3,300
Mechanical	\$22,500	\$1,000	\$1,400	\$11,100
Total	\$85,700	\$6,600	\$3,600	\$30,900
Importance Code A	\$40,300	\$3,100	\$400	\$16,600
Importance Code B	\$34,600	\$3,400	\$2,200	\$14,300
Importance Code C	\$10,800		\$1,000	
Total	\$85,700	\$6,600	\$3,600	\$30,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13117

rchitecture	Current R	epair	Futur	e Replacement	M	aintenance		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior								
Exterior Walls								
Masonry: Brick	55% 4+ Graffiti, Extent : Mod Location : Side Face			* *	5	\$9,700		
Masonry: Brick	5% Now	\$26,600	LIFE	* *	5	\$900		
	Corrosion/Rusting, Extent : Severe, Area Affected : 10% Location : Steel Cap At Chimney Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
	Location : Vertical A	And Horizontal Cr						
Metal Sect. OHD	10%		2040	* *	5	\$5,500		
Stucco Cement	30% 4+	\$3,100	2040	* *	5	\$6,600		
	Broken/Missing Elema Location : Exterior	_	-	· -				
Windows								
Aluminum	100% Now Air Infiltration, Exten Location : Througho		2052 Affected	* * l : 75%	5	\$1,000		
	Ctrwt/Balnc Not Fund Location : Through	put						
	Hardware Missing, Extent : Moderate, Area Affected : 25% Location : Throughout							
	Other Observation, E. Location : Througho		a Affecte	d : 100%				
	Explanation : Thern	ally Inefficient						
Parapets Metal Panel	10%		2037	**	5	\$900		
	Other Observation, Extent : Light, Area Affected : 100% Location : At Roof Parapet							
	Explanation : Metal	Coping						
Metal Rail	60%		2032	* *	5-10	\$24,500		
Stucco Cement	30%		2032	* *	5	\$1,800		
Roof Modified Bitumen	100% Now Miss/Damaged Flashi Location : Chimney	\$1,400 ings, Extent : Mod	2027 erate, Ar	\$67,900 ea Affected : 5%				

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13117

Architecture	Current Repair		Future Replacement		M	laintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	600/	N	¢7.900	LIEE	* *	_	¢16 200	
Cast in Place Concrete	Broken/M Location Cracking/ Location Worn/Eroc Location	a : Apparati Crumbling, a : Apparati ded, Extent a : Apparati	, Extent : Moderate us Room t : Severe, Area Aff	e, Area A	Affected : 5% ffected : 5% %	5	\$16,300	
Ceramic Tile	10%			2036	* *	5	\$1,200	
Terrazzo	5%			LIFE	* *	5	\$500	
Vinyl Tile	-	place Evide	ent, Extent : Light, or Throughout	2032 Area Aff	* * Cected : 75%	3	\$1,200	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2036	* *	5	\$1,900	
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	
Masonry: Brick Plaster	2% 35%	0-2	\$10,800	LIFE LIFE	* *	5	\$2,000	
	Location Worn/Ero	: Stairwel	: Severe, Area Aff					
SGFT/Glazed Masonry	35%			LIFE	* *			
Wood	3%			LIFE	* *	5	\$2,300	
Ceilings								
AcousTileSusp.Lay-In	5%			2032	* *	5	\$600	
Exposed Concrete	20%			LIFE	* *	5	\$400	
Plaster	Location Water Pen Location Worn/Ero	Crumbling, 1: Stairwel 1: Stairwel 1: Duct So <u>f</u> ded, Extent	\$6,100 Extent: Severe, A I At Roof Hatch Extent: Moderate, A Still In 2nd Floor Lo Still Severe, Area Aff I At Roof Hatch	Area Affe ounge An	ected : 5% d Stairwell	5	\$5,800	
Site Enclosure								_
Fence/Gates Chain link	100%			2047	* *			
Site Pavements	100/0			20T/				
On-Site Walkways Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Asphalt	20%			2030	* *			
Cast in Place Concrete	80%			2040	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13117

Electrical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	1000/		at at	_		
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Light, Area	Affected: 100	1%			
	Location: Basement Service Room					
	Explanation : 400 Amperes Fused Ser	vice Switch				
Raceway	000/					
Conduit	80%	2037	**	1		
Conduit	20%	2047	* *	1		
Panelboards						
Molded Case Bkrs	80%	2035	* *	5	\$200	
Molded Case Bkrs	20%	2043	* *	5		
	Other Observation, Extent : Moderate, A		5%			
	Location: Various Locations Through					
	Explanation: Tripping Circuit Breake	ers When Turni	ng a/c on			
Wiring						
Thermoplastic	90%	2037	* *	1		
Thermoplastic	10%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2032	* *	1	\$2,600	
	Other Observation, Extent : Light, Area	Affected: 100	0%			
	Location: Basement					
	Explanation: 260 Amp, 3 Pole					
Generators	*					
Diesel	100%	2030	* *	1	\$3,200	
2.000.	Other Observation, Extent : Light, Area		1%	•	Ψ2,200	
	Location : Side Yard	33				
	Explanation: 81 Kva, 3 Phase, 120/20	08 V				
Batteries	1					
Lead/Acid	100%	2020	\$1,500	5	\$300	
Lead/Acid	Other Observation, Extent : Light, Area			5	Ψ300	
	Location : Exterior	rijjecica . 100	, 0			
	Explanation : Inside Enclosure					
E1 C4	Explanation : Inside Enclosure					
Fuel Storage	10%	2035	* *	5	\$200	
Day Tank				5	\$200	
	Other Observation, Extent : Light, Area	Affectea : 100	1%0			
	Location: Backyard					
	Explanation: 60 Gallon Sub-basemen					
Main Tank	90%	2042	* *	5	\$200	
	Other Observation, Extent : Light, Area	Affected: 100	%			
	Location: Basement					
	Explanation: 550 Gallon Diesel Fuel	Tank				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 225 / LADDER 107 / BATTALION 39

Asset #: 13117

Electrical	Current	Current Repair		re Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting	5 0/		2022	#1 100	10		
Fluorescent	5%	T I' 1.	2022	\$1,100	10	\$400	
	T-8 Lamps And Fixt Location : Through		Area Af	fectea : 100%			
Fluorescent	2%		2027	\$500	10	\$200	
Tuorescent	Compact Fluorescer	nt Light, Extent : Lis			10	Ψ200	
	Location: Second Floor						
LED	93%		2032	* *			
Egress Lighting							
Emergency, Service	50%		2027	\$2,000	1		
Exit, Service	50%		2027	\$500	1		
Exterior Lighting							
Fluorescent	5%		2027	\$1,300	10		
HID	45%		2022	\$1,000	10		
HID	30% Now	\$700	2037	* *			
	Not in Service, Exter Location : Facade	nt : Severe, Area Afj	fected : 1	100%			
Incandescent	20%		2027	\$5,300	2		
	Not in Service, Extent : Light, Area Affected : 100% Location : Side Yard						
	Other Observation, Location : Side Ya	_	Affected	l : 100%			
	Explanation: Wal	l Mounted, Controll	ed Via S	witch			
Alarm							
Fire/Smoke Detection							
No Component	95%						
Generic, Analog	5% Now	\$400	2037	* *	1-3	\$200	
	Devices Missing, Extent : Moderate, Area Affected : 100% Location : One One First Floor And One On Second Floor						
	Local/Battery Operated Detect, Extent : Light, Area Affected : 100%						
	Location: First Ar	nd Second Floor					

Mechanical	Current F	Repair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	5%	2047	* *	1		
Natural Gas	95%	2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 225 / LADDER 107 / BATTALION 39

Asset #: 13117

Mechanical	Current Repair			Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler		Now	\$57,000	2047	* *	1	\$3,500	
		xtent : Mod : Basemer	lerate, Area Affecte 	ea : 100%	Ó			
			u Extent : Moderate, 1	Aroa Affa	octod : 100%			
		: Basemer		пеи пује	ciea . 100/0			
			ner Modular, 2 Bu	rners Do	Not Work			
Radiant Heater		Now	\$3,400	2032	* *	2	\$200	
Tradiant Tradio			lerate, Area Affecte		ó	-	Ψ200	
			r House Watch					
Distribution								
Hot Wtr Piping/Pump	80%			2035	* *	4	\$500	
Under Construction	20%							
Terminal Devices								
Convector/Radiator	70%	3.7	# 000	2032	* *	1	\$1,900	
Convector/Radiator		Now	\$800	2032	* *	1	\$200	
		xtent : Mod : 1st Floo	lerate, Area Affecte r Office	ea: 10%				
			nt : Moderate, Are	a Affecte	d · 20%			
	-	: Kitchen	m . mouerate, me	a rijjecie	a . 2070			
Unit Heater - Steam	20%			2027	\$5,600	4	\$200	
Sint Heater Steam		ervation, E	Extent : Moderate, 1			•	Ψ200	
		: Rig Area		33				
	Explana	tion : Inade	equate					
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment	2007	NI.	¢12 (00	2027	* *	2	\$100	
Exterior Pkg Unit - Cooling	20%	Now	\$12,600	2037		2	\$100	
Coomig	Broken, E.	xtent : Mod	lerate, Area Affecte	ed : 100%	6			
	Location		,, <u>"</u>					
Window/Wall Unit	60%			2022	\$9,700	1		
Window/Wall Unit		Now	\$1,600	2027	\$1,600	1		
			lerate, Area Affecte		·			
	Location	: 1st Floo	r Gymnasium And	2nd Floo	r Locker Room			
No Component	10%							
Distribution								
Ductwork/Diffusers		Now	\$800	LIFE	* *	2	\$2,200	
			Extent : Moderate, 1	Area Affe	cted : 10%			
		: 1st Floo						
		tion : Duct	work Not Connecte	d To Air	Outlet			
No Component	80%							

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 225 / LADDER 107 / BATTALION 39

Asset #: 13117

Mechanical	Current Repair	Future Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority	
Ventilation						
Distribution Ductwork/Diffusers	10% 2-4 \$1, Corroded, Extent : Moderate, Are Location : Kitchen Hood Exhau		* 2-5	\$500		
No Component	90%					
Exhaust Fans						
Interior	50%	2027 \$13,800) 2	\$100		
Roof	15% Recent Replace Evident, Extent: Location: Roof	2035 ** Light, Area Affected : 100%	* 2			
Roof	10% Now \$1, Malfunctioning, Extent: Moderat Location: Fan On Roof Serves	==	* 2			
Wall Unit	25% Other Observation, Extent: Light Location: Rig Area Explanation: Inadequate	2022 \$700 t, Area Affected : 100%) 2	\$100		
Plumbing	<u>*</u>					
H/C Water Piping						
Brass/Copper	100% Not Insulated, Extent : Moderate, Location : All Areas	2047 ** Area Affected: 100%	* 1			
Water Heater Gas Fired	100% Other Observation, Extent : Light Location : Basement) 2	\$100		
·	Explanation: 2 - 74 Gallon Uni	its				
Sanitary Piping Cast Iron	100%	LIFE *	* 1			
Storm Drain Piping Cast Iron	100%	LIFE *	* 1			
Sump Pump(s) Submersible	100% Other Observation, Extent: Light Location: Basement Explanation: Units In 2 Location) 4	\$300		
Backflow Preventer	-					
No Component	95%					
Generic	5%	2032 *	* 1			
Fixtures Generic	100%					
Fire Suppression Chemical System		0005		* -0°		
Wet	10%	2025 \$200) 1-3	\$500		
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 226 Address : 409 STATE STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.226 / 13118 Yr Built/Renovated : 1889 /

Area Sq Ft : 3,718 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 172 Lot : 48 BIN : 3000562

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$78,000	
Interior Architecture	\$82,100	
Total	\$160,100	
Importance Code A	\$78,000	
Importance Code B	\$82,100	
Total	\$160,100	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,700	\$4,600		\$5,200
Interior Architecture	\$17,400		\$300	\$300
Electrical	\$1,400	\$400	\$1,900	\$4,700
Mechanical	\$3,500	\$500	\$2,000	\$500
Site Enclosure	\$16,800			
Total	\$41,900	\$5,500	\$4,100	\$10,800
Importance Code A	\$3,100	\$4,900	\$400	\$5,600
Importance Code B	\$19,000	\$500	\$3,800	\$5,200
Importance Code C	\$19,800			
Total	\$41,900	\$5,500	\$4,100	\$10,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 226

Asset #: 13118

Architecture	Current Repair		Futur	e Replacement	Maintenance					
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
xterior										
Exterior Walls					_					
Masonry: Brick	80% Now Cracking/Crumbling, Location: North Fa Diagonal Cracks, Ext	cade			5	\$12,900	1			
	Location : North Fa									
	Jnt Mortar Miss/Erod Location : North Fa		te, Area I	Affected : 25%						
		Painted Surfaces, Extent: Moderate, Area Affected: 25% Location: South Facade								
	Water Penetration, Ex Location: Foundati		Area Affe	cted : 10%						
Masonry: Limestone	10%		LIFE	* *	5	\$1,200				
	Other Observation, Extent: Moderate, Area Affected: 100%									
		Location: Cornice At South Facade								
	Explanation : Painte	ed Surface								
Wood Overhead Doors	10%		2032	* *	5	\$8,100				
Windows Aluminum	100%		2035	* *	5	\$1,000				
Parapets										
Masonry: Brick	85%		LIFE	* *	5	\$1,500				
Metal Panel	5%		2047	* *	5	\$300				
Metal Rail	5%	16.1	2032	* *	5-10	\$1,600				
	Other Observation, Extent : Moderate, Area Affected : 100% Location : South Parapet									
	Explanation : Ornar	nental Cast Iron		4. 4.		0.00				
Pre-Cast Concrete	5%		LIFE	* *	5	\$600				
Roof Modified Bitumen	85% Now Blisters, Extent: Mod Location: North Sec	ction								
	Drains Clogged, Extent : Moderate, Area Affected : 50% Location : Drain At North Side Of Roof									
	Vegetation Growth, E Location : Drain At		Area Aff	ected : 20%						
Roll Roofing	15% Worn/Eroded, Extent Location: Over Kite		2020 Affected	\$3,400	5	\$1,400				

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 226

Asset #: 13118

Architecture		Current Repair			re Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	4-0/					_	4-	
Cast in Place Concrete	45%			LIFE	* *	5	\$5,600	
Ceramic Tile	10%		#12 000	2036	* *	5	\$600	
Vinyl Tile	45%		\$13,000	2032	**	3	\$1,000	
		issing Eien 1 : Through	nents, Extent : Mod	erate, Ai	rea Ајјестеа : 25%			
			oui t : Moderate, Area .	Affactad	. 250/			
		aea, Exieni 1 : Through		Ајјестеи	. 23/0			
Interior Walls	Locuitor	i . Through	Out					
Masonry: Brick	10%	4+	\$3,000	LIFE	* *			
11200111, 1 211011			Extent : Moderate, A		ected : 10%			
		ı : Basemer		00				
Plaster	80%			LIFE	* *	5	\$1,900	
Wood	10%			LIFE	* *	5	\$3,100	
Ceilings							·	
AcousTileSusp.Lay-In	10%	4+	\$1,400	2032	* *	5	\$300	
			, Extent : Moderate	e, Area A	ffected : 25%			
		i : Through						
		ded, Exteni 1 : Through	t : Moderate, Area . cout	Affected	: 25%			
Embossed Metal	45%			LIFE	* *	5	\$1,200	
Exposed Concrete		Now	\$82,100	LIFE	* *	5	\$400	
	Corrosion/Rusting, Extent: Moderate, Area Affected: 25%							
		a : Steel Be			cc . 1 150/			
		Crumbung ı : Basemei	, Extent : Moderate	e, Area Ą	ffectea : 15%			
			u Extent : Moderate, 1	Aroa Affa	acted + 100%			
		i : Apparat		чтей Аује	eciea . 10070			
			ort Of Apparatus F	loor Is R	Reinforced With La	lly Colum	nns	
Site Enclosure	Expiana	нон . энрр	orr of Apparatus I	1007 15 1	terrigoreea with Ea	tty Cottin		
Free Standing Walls								
Masonry: Brick	100%	Now	\$16,800	2037	* *			
•	Broken/Missing Elements, Extent: Severe, Area Affected: 25%							
	Location: Rear Yard							
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%							
	Location: Rear Yard							
	Other Observation, Extent: Severe, Area Affected: 20%							
		ı : Rear Ya						
	Explana	tion : Verti	cal Cracking					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 226

Asset #: 13118

Electrical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Are Location : Basement Explanation : Main Service Switch R			5		
Raceway			•			
Conduit	50%	2047	* *	1		
Conduit	50%	2037	* *	1		
Panelboards						
Molded Case Bkrs	50%	2043	* *	5		
Molded Case Bkrs	50%	2035	* *	5		
Wiring Thermoplastic	100%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5		
Ground						
Grounding Devices				_	****	
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches	1000/	• • • • •	di di			
Automatic	100%	2040	* *	1	\$1,100	
Generators Diesel	100% Other Observation, Extent : Light, Are	2036 va Affected : 10	**	1	\$1,400	
	Location: Outside					
-	Explanation: Diesel Generator Rate	d @ 60 Kw				
Batteries	1000/	2021	#1.500	-	Ф100	
Lead/Acid	100%	2021	\$1,500	5	\$100	
Fuel Storage	1000/	2055	* *	-	¢100	
Main Tank	100% Other Observation, Extent: Light, Are Location: Outside Explanation: 50 Gallon Capacity	2055 va Affected : 10		5	\$100	
Lighting	Experimental . 30 Gutton Cupacity					
Interior Lighting						
Fluorescent	90%	2032	* *	10	\$3,100	
Tidologodia	Other Observation, Extent : Light, Are Location : Throughout The Building Explanation : T-8 Lamps		00%	10	ψ3,100	
Fluorescent	5%	2032	* *	10	\$200	
	Compact Fluorescent Light, Extent : L Location : 1st Floor		cted : 100%	-		
Incandescent	5%	2022	\$1,200	2		
Egress Lighting Emergency, Service	100%	2032	* *	1		
Exterior Lighting HID	100%	2032	* *	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 226 Asset #: 13118

Electrical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%	Now	\$1,200	2037	* *	1-3	\$200	
	Devices M	issing, Extent	: Moderate, Ar	ea Affecto	ed : 100%			
	Location	: Various Loc	ations Around	The Build	ling			
	Local/Batte	ery Operated I	Detect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: Various Loc	ations Around	The Build	ling			

Mechanical	Current Repair		Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
			Extent : Light,	Area Aff	ected : 100%			
	Location	: Total House	?					
Conversion Equipment	1000/			• • • • •	* *		42 - 00	
Steam Boiler	100%			2040	* * *	1	\$3,700	
Distribution	1000/			20.47	* *	4	#200	
Central Plant Steam	100%			2047	* *	4	\$300	
Piping/Pmp								
Terminal Devices	1000/			2040	* *	1	¢1 200	
Convector/Radiator	100%			2040		1	\$1,200	
Air Conditioning								
Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment	10070			2043		1		
Exterior Pkg Unit -	50%			2032	* *	2	\$100	
Cooling	3070			2032		2	Ψ100	
Window/Wall Unit	50%			2025	\$3,600	1		
Distribution					42,000			
Ductwork/Diffusers	100%			LIFE	* *	2	\$4,800	
Ventilation							*)	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,100	
Exhaust Fans								
Interior	25%			2032	* *	2		
Roof	30%	Now	\$1,700	2037	* *	2		
	Unit Inope	rable, Extent	: Moderate, Are	a Affecte	ed : 25%			
	Location	: Kitchen Ho	od					
Roof	10%			2032	* *	2		
Wall Unit		Now	\$100	2037	* *	2		
	Malfunctio	ning, Extent :	Moderate, Are	a Affecte	d : 25%			
	Location	: Rig Genera	l Exhaust					
No Component	25%							
Plumbing								

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 226

Asset #: 13118

lechanical	Current Rep	air	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
H/C Water Piping							
Galvanized Steel	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$2,100	2	\$100	
	Other Observation, Exte	nt : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: Two 74	Gallon					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	85%		LIFE	* *	1		
Cast Iron	15% Now	\$1,100	LIFE	* *	1		
	Blockage /Clogged, Exte	nt : Moderate, 1	Area Affe	ected : 50%			
	Location: Roof						
	Cracked, Extent: Light,	Area Affected :	20%				
	Location: Basement						
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 227 Address : 423 RALPH AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.227 / 13119 Yr Built/Renovated : 1907 /

Area Sq Ft : 8,440 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1445 Lot : 2 BIN : 3038838

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$65,800	
Interior Architecture	\$106,900	
Mechanical		\$222,700
Total	\$172,700	\$222,700
Importance Code A	\$65,800	\$51,100
Importance Code B	\$106,900	\$171,600
Total	\$172.700	\$222.700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$59,000		\$100	
Interior Architecture	\$66,600	\$200	\$600	\$300
Electrical	\$12,500	\$100		\$18,800
Mechanical	\$32,800	\$1,100	\$1,200	\$31,700
Site Enclosure	\$9,800			
Site Pavements	\$1,800			
Total	\$182,500	\$1,500	\$1,900	\$50,800
Importance Code A	\$64,600	\$800	\$1,000	\$800
Importance Code B	\$103,700	\$600	\$1,000	\$49,900
Importance Code C	\$14,100			
Total	\$182,500	\$1,500	\$1,900	\$50,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 227

Asset #: 13119

rchitecture	Current Repair		Future Replacement		Maintenance		
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls	000/ 0.2	Φ.C.T. 0.0.0	LIPP	* *	-	Ф 7 200	
Masonry: Brick	80% 0-2 Diagonal Cracks, Ex Location: 3rd Floo Painted Surfaces, Ex Location: Through Spalling, Extent: Mo Location: Left Fac	or Rear Wall tent : Moderate, Ai out Except Front I derate, Area Affec	ea Affected : Tacade ted : 20%	80%	5	\$7,300	
	Vertical Cracks, Exte Location : Left Side	ent : Moderate, Are		-	ері 1 топ	i I actue	
Masonry: Granite	2%		LIFE	* *	5	\$100	
Masonry: Limestone	10% 0-2 Cracking/Crumbling, Location: Front Fo	_	LIFE	**	5	\$700	
	Int Mortar Miss/Erod Location : Through		te, Area Affec	ted : 10%			
Metal Sect. OHD	8% Now Other Observation, E Location: Base Of Explanation: Fram	Ohd Frame			5	\$1,100	
Windows	•						
Aluminum	85%		2026	\$10,600	5	\$300	
Steel	15% 0-2 Corrosion/Rusting, E Location: Lintels A				5	\$300	
Parapets							
Cast Stone/Terra Cotta	10% Now Broken/Missing Elen Location: Cornice Jnt Mortar Miss/Eroc				5	\$300	1
	Location: Cornice Caulking Deteriorate Location: Through	*	ute, Area Affed	cted : 5%			
Masonry: Brick	75% 0-2 Cracking/Crumbling, Location: Through	out		* * ed : 5%	5	\$300	
	Spalling, Extent: Mo Location: Through		iea : 20%				
Metal Cornice	15% Other Observation, E Location: At Parap	Extent : Light, Area	2055 Affected : 10	**	10	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 227

Asset #: 13119

Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Roof									
Built-Up (BUR)		Now	\$30,800	2037	* *			1	
		xtent : Seve : Through	ere, Area Affected : out	25%					
	Water Penetration, Extent: Severe, Area Affected: 25% Location: Front Portion Of Roof								
			: Severe, Area Affe uilt-Up Roof	ected : 10	00%				
Modified Bitumen	40%			2027	\$26,100	10	\$4,500		
Interior					· · · · · · · · · · · · · · · · · · ·				
Floors									
Cast in Place Concrete	50%	Now	\$39,800	LIFE	* *	5	\$14,000		
	Other Obse	ervation, E	xtent : Severe, Are	a Affecte	d : 80%				
	Location	: Apparatı	ıs Floor						
	Explanat In Cellar		turally Insufficient,	Major I	Rusting At Tempor	rary Sup _l	oort Column Bases		
Ceramic Tile	10%			2036	* *	5	\$1,300		
Vinyl Tile	15%			2035	* *	3	\$700		
Wood	25%	2-4	\$21,000	2042	* *	5	\$3,000		
	Worn/Eroded, Extent : Moderate, Area Affected : 80%								
	Location	: Stairwell	, Third Floor Loun	ge					
Interior Walls									
Ceramic Tile	30%	4+	\$3,100	2030	* *	5	\$600		
		-	ents, Extent : Mod us And Stairwell	erate, Ar	ea Affected : 10%				
Masonry: Brick	20%			LIFE	* *				
,	Paint Peeli	ing, Extent	: Severe, Area Affe	ected : 90	0%				
	Location	: Cellar							
Plaster	20%	Now	\$1,200	LIFE	* *	5	\$200		
	-	xtent : Sev : 2nd Floo	ere, Area Affected				* **		
	Water Pen		xtent : Severe, Area	a Affected	d : 5%				
SGFT/Glazed Masonry	15%			LIFE	* *				
	15%			LIFE	* *	5	\$2,200		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 227

Asset #: 13119

Architecture		Current I	Repair	Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%		Φ0.500	2032	* *	5	\$700	
Embossed Metal		ded, Extent	\$9,500 : Moderate, Area	LIFE Affected		5	\$1,200	
		ı : Apparatı	ıs Floor					
Exposed Concrete	Cracking/ Location	ı : Cellar	\$64,900 Extent : Severe, A			5	\$500	
	Location	ı : Cellar A	xtent : Severe, Are t Areaway Hatch Extent : Severe, Are					
	Location	ı : Cellar	turally Insufficient					
Exposed Concrete	5% Cracking/	Now Crumbling,	\$2,200 Extent : Moderate r Ceiling At Storeh	LIFE , Area A		5	\$100	
Plaster	Cracking/ Location Paint Pee	ı : Through ling, Extent	\$31,800 Extent: Severe, A out : Moderate, Area r Lounge And 2nd	Affected	: 10%	5	\$3,800	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	Broken/M Location Cracking/	ı: Back Ya	Extent : Moderate					
		r Miss/Eroo 1 : Back Ya	d, Extent : Moderai rd	te, Area	Affected : 35%			
Site Pavements Public Sidewalk								
Cast in Place Concrete	Location	servation, E	\$1,800 Extent : Light, Area t Overhead Door E r Spall		* * l : 1%			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 227

Asset #: 13119

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100% Now	\$4,800	2057	**	5		
	Enclosure Corroded, I		ea Affec	ted : 100%			
	Location: Basement		A CC .	1 1000/			
	Other Observation, Ex		а Ађесте	a:100%			
	Location : Basement Explanation : Severe						
Raceway	Explanation : Severe	water Damage					
Conduit	100%		2037	* *	1		
Panelboards	10070		2037				
Molded Case Bkrs	50% Now	\$7,700	2052	* *	5	\$100	
3,233,23	Enclosure Corroded, I	. ,	ea Affec	ted : 100%	-	*	
	Location : Basement						
	Other Observation, Ex	tent : Severe, Are	a Affecte	d: 100%			
	Location: Basement						
	Explanation : Severe	Water Damage					
Molded Case Bkrs	50%		2035	* *	5	\$100	
Wiring							
Rubber	50%		2035	* *	1		
Thermoplastic	50%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2025	\$14,400	5	\$100	
Ground							
Grounding Devices	1000/		LIEE	* *	-	#100	
Generic	100%		LIFE	* *	5	\$100	
Lighting Interior Lighting							
Incandescent	5%		2022	\$2,700	2		
LED	95%		2032	\$2,700	2		
Egress Lighting	7570		2032				
Emergency, Service	50%		2022	\$2,100	1		
Exit, Service	50%		2022	\$500	1		
Exterior Lighting							
HID	50%		2032	* *	10		
Incandescent	50%		2022	\$13,500	2		

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2047	* *	1		
Natural Gas	50%	4+	\$200	2037	* *	1		
	Corroded,	Extent : Li	ght, Area Affected	: 100%				
	Location	: Basemen	t					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 227

Asset #: 13119

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment Steam Boiler	100%			2025	\$51,100	1	\$8,400	
Distribution Central Plant Steam Piping/Pmp	100%	4+	\$13,400	2027	\$133,600	4	\$400	
	Corroded, E Location :		ght, Area Affected . t	: 50%				
Terminal Devices								
Convector/Radiator	90%			2025	\$38,000	1	\$2,500	
Unit Heater - Steam	10%		\$2,800	2037	* *	4	\$100	
	Abandoned : Location :		Extent : Moderate,	Area A <u>f</u>	fected : 100%			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment Window/Wall Unit	100%			2022	\$16,400	1		
Ventilation								
Exhaust Fans								
Interior	50%			2022	\$14,000	2	\$100	
Roof	50%			2027	\$6,600	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
	No Water M Location :		ent : Light, Area Afj t	fected : .	100%			
Water Heater								
Gas Fired	100%			2025	\$4,800	2	\$100	
	Location:	Basemen	xtent : Light, Area t Gallon Unit	Affected	! : 100%			
Sanitary Piping								
Cast Iron	100% Corroded, E Location :		\$11,600 ght, Area Affected : t	LIFE : 100%	* *	1		
Storm Drain Piping								
Cast Iron	100%	2-4	\$3,300	LIFE	* *	1		
	Corroded, E	xtent : M	oderate, Area Affec	cted : 10	0%			
	Location:	Basemen	t					
Sump Pump(s)								
Submersible	100%			2019	\$300	4	\$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	10%			2025	\$200	1-3	\$500	
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 227

Asset #: 13119

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 228 Address : 436 39th STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.228 / 13120 Yr Built/Renovated : 1897 /

Area Sq Ft : 3,519 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 709 Lot : 19 BIN : 3010534

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$93,400			\$4,800
Interior Architecture	\$23,300		\$600	
Electrical	\$18,100			\$26,000
Mechanical	\$2,300	\$300	\$400	\$3,900
Site Pavements	\$1,500			
Total	\$138,600	\$300	\$1,000	\$34,800
Importance Code A	\$98,400	\$200	\$200	\$5,000
Importance Code B	\$21,800	\$200	\$400	\$29,800
Importance Code C	\$18,300		\$400	
Total	\$138.600	\$300	\$1,000	\$34,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 228

Asset #: 13120

rchitecture	Current Re	Future R	eplacement	М					
stem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior									
Exterior Walls									
Masonry: Brick	80% 0-2	\$20,600	LIFE	* *	5	\$13,700			
	Cracking/Crumbling, I	_	ea Affected :	10%					
	Location : Throughout palling, Extent : Moderate, Area Affected : 10%								
	Location : East, Sout			**		44.000			
Masonry: Sandstone	10% 0-2	\$14,700	LIFE		5	\$1,300			
	Cracking/Crumbling, I Location: By Ohd A		ea Affectea :	3%					
	Int Mortar Miss/Erod,		a Arag Affa	atad . 500/					
	Location: Front Fac		e, Area Ajje	ciea . 50%					
	Spalling, Extent: Ligh		15%						
	Location : Top Of Fr		1370						
Wood Overhead Doors	10%		2032	* *	5	\$8,600			
Windows	1070		2032			ψο,σσσ			
Metal Clad	75%		2043	* *	5	\$2,500			
Metal/Detention Type	25% Now	\$26,700	2057	* *	5	\$200			
	Air Infiltration, Extent: Severe, Area Affected: 100%								
	Location: Clerestory Windows At Rear Of Building								
	Corrosion/Rusting, Extent: Severe, Area Affected: 100%								
	Location : Clerestory		-	_					
	Caulking Deteriorated, Extent: Severe, Area Affected: 100%								
	Location : Clerestory								
	Water Penetration, Ext								
D	Location : Clerestory	windows Ai Ked	r Ој Бинат	8					
Parapets Masonry: Brick	40%		LIFE	* *	5	\$500			
Masonry: Sandstone	15%		LIFE	* *	5	\$200			
Metal Panel	25%		2037	* *	5	\$1,100			
Slate	20% Now	\$26,000	LIFE	* *	5	\$200			
Simile				ted : 25%	5	Ψ200			
	Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Throughout Main Roof								
	Worn/Eroded, Extent : Severe, Area Affected : 100%								
	Location : Throughou								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 228

Asset #: 13120

Architecture	Current R	epair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior									
Roof									
Asphalt Shingle	20%		2036	* *	10	\$200			
	Other Observation, Ex	_	Affected :	100%					
	Location : Back Yard								
	Explanation: Shed R								
Modified Bitumen	75% Now	\$5,400	2032	**			1		
	Drains Clogged, Exter		ffected : 1	00%					
	Location: Upper An		200/						
	Ponding, Extent : Seve Location : Upper An		30%						
	= =		roa Affac	tod · 30%					
	-	Vegetation Growth, Extent : Moderate, Area Affected : 30% Location : Lower Roof							
	Water Penetration, Ex	=	rea Affect	ad · 30%					
	Location : Lower Ro		rea rijjeci	ей . 3070					
Slavlight Motal/Glass	5%	9)	2037	* *	10	\$1,000			
Skylight, Metal/Glass	Corrosion/Rusting, Ex	tent · Light Area			10	\$1,000			
	Location : Upper Ro	_	престей.	2370					
Interior	TI	- J							
Floors									
Cast in Place Concrete	60% 0-2	\$1,900	LIFE	* *	5	\$7,800			
	Cracking/Crumbling, Extent: Light, Area Affected: 5%								
	Location: Apparatus	s Floor, Weight Ro	om In Ce	llar					
Ceramic Tile	15% 4+	\$900	2036	* *	5	\$400			
	Broken/Missing Eleme	nts, Extent : Light	Area Aff	ected : 1%					
	Location : Kitchen U	Inder Sink Area							
Vinyl Tile	25%		2027	\$12,600	3	\$600			
Interior Walls				·					
Ceramic Tile	10%		2036	* *	5	\$800			
Gypsum Board	10%		LIFE	* *	5	\$500			
Masonry: Brick	30% 0-2	\$18,300	LIFE	* *					
	Jnt Mortar Miss/Erod,		e, Area A <u>f</u>	fected : 35%					
	Location : In Cellar	_							
	Water Penetration, Ex			ed : 25%					
	Location : In Cellar	At Front Of Buildi	ng						
Plaster	50%		LIFE	* *	5	\$1,200			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 228

Asset #: 13120

Architecture		Current Repai	ir	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	35%	Now	\$1,800	LIFE	* *	5	\$900	
	Deformed/.	Dented, Extent .	: Light, Area	Affected	: 20%			
	Location	: Throughout						
	Punct/Tear	/Impact Damag	ge, Extent : Se	vere, Are	ea Affected : 1%			
	Location	: Kitchen Area	Over Sink					
	Water Pen	etration, Extent	: Severe, Are	a Affecte	d : 1%			
	Location	: Kitchen Area	Over Sink					
Exposed Concrete	30%			LIFE	* *	5	\$300	
Metal Panel	5%			LIFE	* *	5	\$400	
Plaster	30%	Now	\$500	LIFE	* *	5	\$1,100	
	Water Penetration, Extent: Light, Area Affected: 5%							
	Location	: 2nd Floor						
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$1,500	2032	* *			
	Cracking/C	Crumbling, Exte	nt : Moderate	, Area A	ffected : 25%			
	Location	: By Street Cur	b And Hatchv	vay Area				

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	Now	\$4,800	2057	* *	5		
	Enclosure	Corroded,	Extent : Severe, A	rea Affec	rted : 100%			
	Location	: Basemen	t					
	Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: Basemen	t					
	Explana	tion : One 2	00 Amperes Main	Disconn	ect Switch			
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Fused Disc Sw	10%			2026	\$3,800	5		
Molded Case Bkrs	20%	Now	\$7,700	2052	* *	5		
	Enclosure	Corroded,	Extent : Severe, A	rea Affec	rted : 25%			
	Location	: Basemen	t, Main Distributio	on Panel.	Panel Is Not Faste	ened Pro	perly To The Wall	
Molded Case Bkrs	70%			2026	\$26,900	5	\$100	
Wiring								
Braided Cloth	20%	Now	\$5,500	2052	* *	1		
	Insulation Damaged, Extent : Severe, Area Affected : 20%							
	Location	: Apparatu	s Floor					
Thermoplastic	80%			2027	\$22,200	1		

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13120

Electrical	Current Repair	Future Ro	eplacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	100%	2022	\$9,500	10	\$3,200	
	T-8 Lamps And Fixtures, Ex	tent : Light, Area Affecte	ed : 100%			
	Location : Throughout Bui	lding				
Exterior Lighting						
HID	100%	2022	\$13,300	10		

Mechanical	Current Repair	r Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2047	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2032	* *	1	\$1,700		
	Other Observation, Extent	: Light, Area Affected	: 100%				
	Location: Basement						
	Explanation: 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2035	* *	4	\$300		
Terminal Devices							
Convector/Radiator	100%	2032	* *	1	\$1,100		
Air Conditioning							
Energy Source							
Electricity	100%	2035	* *	1			
Conversion Equipment							
Split Unit	5%	2027	\$3,500				
	Other Observation, Extent	: Light, Area Affected	: 100%				
	Location: Kitchen						
	Explanation : Kitchen						
Window/Wall Unit	50%	2022	\$3,400	1			
Window/Wall Unit	15% Now	\$1,000 2027	\$1,000	1			
	Broken, Extent : Light, Are	a Affected : 100%					
	Location : Kitchen						
No Component	30%						
Ventilation							
Distribution							
Ductwork/Diffusers	15%	LIFE	* *	2-5	\$300		
No Component	85%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 228

Asset #: 13120

Mechanical	Current Repai	r	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost	Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Interior	15% 4+	·	2027	\$1,800	2		
	Noisy/Vibrating, Extent : M Location : Rig Floor	Aoderate, Area I	Affected	: 50%			
Wall Unit	10%	2	2027	\$100	2		
	Other Observation, Extent	: Light, Area Aj	ffected :	100%			
	Location : Kitchen						
	Explanation : Kitchen He	ood					
No Component	75%						
Plumbing							
H/C Water Piping	000/			ala ala			
Brass/Copper	98%		2037	* *	1		
Galvanized Steel	2% Now	·	2040	* *	1		
	Broken, Extent : Light, Are		%				
	Location : 2nd Floor Me	ns Bathroom					
Water Heater							
Gas Fired	100%		2025	\$2,000	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement						
	Explanation: 2 Units						
Sanitary Piping							
Cast Iron	100%]	LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%]	LIFE	* *	1		
Sump Pump(s)							
Submersible	100% 2-4	·	2022	\$100	4	\$100	
	Malfunctioning, Extent : L	ight, Area Affec	ted : 10	0%			
	Location: Basement						
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	10%	2	2025	\$200	1-3	\$500	
No Component	90%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 229/LADDER 146 Address : 75 RICHARDSON STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.229 / 13121 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,184 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2722 Lot : 28 BIN : 3067898

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$117,900
Interior Architecture	\$187,400	
Electrical		\$15,400
Total	\$187,400	\$133,300
Importance Code A		\$117,900
Importance Code B	\$187,400	\$15,400
Total	\$187,400	\$133,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,200	\$4,700		
Interior Architecture	\$39,100	\$3,900	\$300	\$500
Electrical	\$4,600	\$100	\$100	\$17,200
Mechanical	\$26,400	\$1,500	\$1,900	\$22,900
Total	\$71,300	\$10,100	\$2,400	\$40,600
Importance Code A	\$21,000	\$5,500	\$800	\$800
Importance Code B	\$47,300	\$2,400	\$1,600	\$39,800
Importance Code C	\$3,000	\$2,200		
Total	\$71,300	\$10,100	\$2,400	\$40,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13121

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$19,700	
Masonry: Granite	2%			LIFE	* *	5	\$300	
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Wood Overhead Doors	8%			2025	\$58,600	5	\$9,300	
Windows								
Aluminum	100%			2035	* *	5		
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$1,600	
Masonry: Brick	80%			LIFE	* *	5	\$800	
		_	: Moderate, Area . trapet Wall	Affected	: 10%			
Roof								
Modified Bitumen		0-2 xtent : Ligh : Main Ro	\$1,200 nt, Area Affected : . of	2027 5%	\$59,300			
		Extent : Mo : 1st Floor	derate, Area Affec Roof	ted : 3%				
nterior								
Floors Cast in Place Concrete	Cracking/0	Now Crumbling, : Apparati	\$34,500 Extent : Moderate is Floor	LIFE , Area A	* * ffected : 10%	5	\$12,100	
	Other Obs Location	ervation, E : Apparati	xtent : Severe, Are		ed : 100%			
Ceramic Tile	5%		J Communication	2036	* *	5	\$700	
Terrazzo	5% 5%			LIFE	* *	5	\$700 \$500	
Vinyl Tile	30%	0-2	\$35,300	2037	* *	3	\$300 \$1,600	
vinyi Tile	Broken/Mi Location Worn/Eroc	ssing Elem : 2nd And led, Extent	######################################	t, Area A 10ut And Affected	ffected : 35% In Cellar	3	\$1,000	
Vinyl Tile	15%			2032	* *	3	\$800	
7 111 71 1 110	15/0			2002		5	ΨΟΟΟ	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13121

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	30%			2030	* *	5	\$4,500	
Masonry: Brick	20%			LIFE	* *	_		
Plaster	50%		\$3,000	LIFE	**	5	\$2,200	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10% Location: 2nd Floor Locker Room, 3rd Floor, Roof Scuttle, Stairwell							
					·	well		
			derate, Area Affect	ted : 30%	ó			
		ı : Through						
			xtent : Light, Area	Affected	: 2%			
			l At Second Floor					
			: Light, Area Affec	ted : 100	0%			
	Location	ı : Through	out					
Ceilings								
AcousTileSusp.Lay-In	10%			2040	* *	5	\$1,600	
Exposed Concrete		Now	\$152,200	LIFE	* *	5	\$1,200	
			'xtent : Severe, Ared ams In Cellar	a Affecte	d : 30%			
	Other Obs	servation. F	Extent : Severe, Are	a Affecte	ed: 100%			
		ı : Cellar	,	33				
	Explana	tion : Temp	orary Supports In					
Plaster	40%	4+	\$1,700	LIFE	* *	5	\$3,900	
	Water Per	netration, E	xtent : Light, Area	Affected	: 1%			
	Location	ı : Stairwel	l At Second Floor					
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			

lectrical	Current Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5		
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Basement					
	Explanation: 200 Amperes Main Elec	trical Se	rvice Switch			
Raceway						
Conduit	80%	2027	\$25,000	1		
Conduit	20%	2037	* *	1		
Panelboards						
Molded Case Bkrs	40%	2026	\$15,400	5	\$100	
Molded Case Bkrs	60%	2035	* *	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13121

Electrical	Current Repair	Future Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•				
Wiring	1000/	2037 **	1		
Thermoplastic Motor Controllers	100%	2037 **	1		
Locally Mounted	100% Other Observation, Extent: Light, Area Location: 1st Floor Explanation: Motor Controllers For		5	\$100	
Ground	Zipimimion in inches Commences I of	110 01011101111111111111111111111111111			
Grounding Devices Generic	100% Other Observation, Extent: Moderate, Location: Basement	LIFE ** Area Affected : 100%	5	\$100	
	Explanation: Ground Clamps On Lin	ne And Load Side Of Water i	Meter Ar	e Corroded	
Lighting Interior Lighting Fluorescent	5% 2-4 \$1,100 Damaged Fixtures, Extent: Moderate, Location: Covers Missing From Ligh	2037 ** Area Affected : 100%		Corrolled	
	T-12 Lamps And Fixtures, Extent : Light Location : Basement And 3rd Floor				
Fluorescent	40% T-12 Lamps And Fixtures, Extent : Ligh Location : Basement And 3rd Floor	2022 \$8,900 int, Area Affected : 50%	10	\$3,000	
Fluorescent	45% T-8 Lamps And Fixtures, Extent: Light Location: 1st And 2nd Floors	2027 \$10,000 s, Area Affected : 100%	10	\$3,400	
Incandescent	10% Other Observation, Extent: Light, Area Location: 1st And 3rd Floor Lounges Explanation: Incandescent Lamps In	3	2		
Exterior Lighting	1				
HID	50% 4+ \$3,100 On Extended Life, Extent : Moderate, A Location : Building Exterior Facade	2032 ** area Affected : 100%			
Incandescent	50%	2027 \$13,100	2		
Alarm Fire/Smoke Detection No Component Generic, Digital	95% 5% Now \$400	2037 **	1-3	\$200	
-	Devices Missing, Extent: Moderate, Av Location: Various Locations Around Local/Battery Operated Detect, Extent Location: Various Locations Around	Building : Light, Area Affected : 100	%		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13121

Mechanical	C	Current Repair	Future Replacement		Maintenance		
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		2025				
Natural Gas		xtent : Moderate, Area Affe	2037 ected : 10	* * 0%	1		
	Location :	Cellar					
Conversion Equipment							
Steam Boiler	100% Obsolete Equ Location :	4+ \$19,800 uipment, Extent : Moderate Cellar	2047 c, Area A <u>f</u>	* * fected : 100%	1	\$7,300	
Distribution							
Central Plant Steam Piping/Pmp	100%		2037	* *	4	\$400	
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$2,600	
Air Conditioning							
Energy Source							
Electricity	100%		2049	* *	1		
Conversion Equipment Window/Wall Unit	100%		2025	\$15,900	1		
Ventilation							
Distribution							
Ductwork/Diffusers	100%	. ,	LIFE	* *	2-5	\$4,600	
		n Place, Extent : Light, Are Apparatus Floor	ea Affecte	ed : 40%			
Exhaust Fans							
Interior	80%		2022	\$21,800	2	\$200	
Wall Unit	20%		2027	\$500	2	\$100	
		vation, Extent : Light, Area	ı Affected	! : 100%			
		Kitchen Hood					
	Explanation	n : Hood					
Plumbing							
H/C Water Piping	200/		20.47	* *			
Brass/Copper	20%		2047		1		
Galvanized Steel	80%		2040	* *	1		
Water Heater	700/	0.2	2027	#2 200	2	#100	
Gas Fired		0-2 \$3,300	2027	\$3,300	2	\$100	
	Location:						
	Other Obser Location :	vation, Extent : Moderate, . Cellar	Area Affe	ected : 100%			
	Explanation	n : 1 Of 2 Units Obsolete					
Gas Fired	30%		2025	\$1,400	2		
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
-							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13121

echanical	Current Repair	t Repair Future Replacem		ent Maintenance		
stem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Ye	ar Estimated Co Y	st Cycle (Yrs)	Estimated Cost	Priority
ımbing						
Storm Drain Piping						
Cast Iron	80%	LIF	'E *	* 1		
Cast Iron	20% 4+	51,600 LIF	E *	* 1		
	Corroded, Extent : Moderate, A	Area Affected :	100%			
	Location: Basement					
Sump Pump(s)						
Submersible	100%	202	20 \$30	00 4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	202	27 \$10	00 1		
	Other Observation, Extent: Lig	ght, Area Affec	ted : 100%			
	Location : Cellar					
	Explanation: Boiler Feed					
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 23

Address : 215 WEST 58th STREET @ 7TH AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.023 / 13017 Yr Built/Renovated : 1906 /

Area Sq Ft : 6,108 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Apr-2016 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1030 Lot : 23 BIN : 1024915

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$652,700	
Electrical	\$62,100	
Total	\$714,800	
Importance Code A	\$652,700	
Importance Code B	\$62,100	
Total	\$714,800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$83,100			\$7,600
Interior Architecture	\$64,200	\$1,700		\$400
Electrical	\$11,000	\$400	\$300	\$27,600
Mechanical	\$3,600	\$700	\$800	\$13,900
Total	\$162,000	\$2,800	\$1,100	\$49,500
Importance Code A	\$86,300	\$500	\$500	\$8,100
Importance Code B	\$44,100	\$1,600	\$600	\$41,400
Importance Code C	\$31,500	\$600		
Total	\$162,000	\$2,800	\$1,100	\$49,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 23

Asset #: 13017

rchitecture	Current Repair Future Replacement Ma			aintenance			
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Exterior Walls	75% Now	\$225,800	LIFE	* *	5	\$22,900	
Masonry: Brick	Sidewalk Shed in Use			tad : 25%	3	\$22,900	
	Location : Front We			iea . 2570			
Masonry: Limestone	15% 2-4	\$302,500	LIFE	* *	5	\$3,400	
was in y. Emiestene	Int Mortar Miss/Eroc			fected : 10%		ψ5,100	
	Location : Front Wo			,			
Wood Overhead Doors	10%		2032	* *	5	\$15,200	
Windows							
Aluminum	50% Now	\$26,000	2052	* *	5	\$300	
	Air Infiltration, Exten		fected : 50	0%			
	Location: Windows			CC4-1-200/			
	Ctrwt/Balnc Not Fundament Location: Through		ite, Area A	ујестеа : 20%			
	Caulking Deteriorate		ite Area A	ffected · 20%			
	Location: Through		110, 111 001 1	gjeerea : 2070			
Wood	50% Now	\$1,700	2043	* *	5	\$2,800	
,, eog	Ctrwt/Balnc Not Fund			cted : 10%	-	Ψ2,000	
	Location : 3rd Floo		30				
Parapets							
Masonry: Limestone	20% Now	\$23,100	LIFE	**	5	\$500	1
	Broken/Missing Elem						
G1 .	Location : Front Wo			* *		Φ1 COO	
Slate	80% Now Jnt Mortar Miss/Erod	\$124,400	LIFE		5	\$1,600	
	Location : Caulk Jo			ieu . 10070			
	Miss/Damaged Copir	_	_	ected : 75%			
	Location : Copings	_					
Roof							
Built-Up (BUR)	100% 0-2	\$32,300	2037	* *			
	Other Observation, E						
	Location: Roofing	=	_	rty Construction			
terior	Explanation: Roof	Covered With Woo	od Planks				
Floors							
Carpet	5%		2023	\$6,600	3	\$700	
Cast in Place Concrete	40%		LIFE	* *	5	\$8,200	
Ceramic Tile	5%		2030	* *	5	\$500	
Panel/Paver: Cer/Brk	5%		2035	**	5	\$1,100	
Quarry Tile	10% 0-2	\$3,000	2040	* *	5	\$700	
	Cracking/Crumbling, Location: Kitchen	Extent : Light, Ar	ea Affected	1:5%			
Vinyl Tile	35% 0-2	\$12,200	2032	* *	3	\$1,200	
-	Worn/Eroded, Extent		Affected :	35%			
	Location: 2nd And	3rd Floor					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13017

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2030	* *	5	\$1,300	
Concrete Masonry Unit	10%			LIFE	* *	5	\$500	
Gypsum Board	5%			LIFE	* *	5	\$400	
Masonry: Brick	25%	0-2	\$27,600	LIFE	* *			
		Extent : Mo n : Basemen	derate, Area Affeci t	ted : 20%	6			
Plaster	35%	0-2	\$4,000	LIFE	* *	5	\$1,400	
		'am Surface 1 : 3rd Floo	r, Extent : Severe, A r Stair	Area Affe	ected : 20%			
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%	0-2	\$17,500	2040	* *	5	\$1,700	
	Location Staining/L	n : 3rd Floo Discoloring,	Extent : Moderate, r Locker Room Extent : Moderate r Locker Room					
Embossed Metal	25%			LIFE	* *	5	\$1,100	
Exposed Concrete	25%			LIFE	* *	5	\$400	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	\$600	
		ling, Extent 1 : 3rd Floo	: Severe, Area Affa r Stair	ected : 3	0%			
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

lectrical		Current Ro	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$5,300	5		
Raceway								
Conduit	100%	Now	\$700	2027	\$34,200	1		
	Covers Mis	sing, Exten	t : Moderate, Ared	a Affecte	d : 100%			
	Location	: 3rd Floor	Light Switches A	nd Juncti	on Boxes			
Panelboards								
Molded Case Bkrs	100%			2035	* *	5	\$200	
Wiring								
Braided Cloth	30%	0-2	\$9,100	2052	* *	1		
	Insulation 1	Aged, Exten	t : Moderate, Are	a Affecte	ed: 30%			
	Location	: Basement						
Thermoplastic	70%			2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13017

Electrical	Current Repa	ir Fut	ure Replacement	M	laintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	203	2 **	5		
Ground						
Grounding Devices				_	****	
Generic	100%	LIF	E **	5	\$100	
Lighting						
Interior Lighting	5 0/	202	Φ2 100	2		
Incandescent	5% Other Observation, Extent	202	+ ,	2		
	Location : 2nd Floor	: Ligni, Area Ajjeci	ea : 100%			
	Explanation : Office Are	a				
LED) **			
LED	95%	203	<u>Z</u>			
Egress Lighting	50%	202	7 \$4,500	10	\$700	
Emergency, Battery Exit, Service	50%	202		10	\$700	
Exterior Lighting	3070	202	7 9400	1		
HID	95%	202	2 \$23,900	10		
Incandescent	5%	202		2		
	Other Observation, Extent Location : Front Facade Explanation : Flood Ligi	: Light, Area Affect				
Alarm	r					
Fire/Smoke Detection						
No Component	10%					
Generic, Analog	90% Now	\$1,200 202	2 \$62,100	1-3	\$3,100	
	Devices Missing, Extent: Location: Throughout	Moderate, Area Affe	cted : 100%			
	Local/Battery Operated D	etect, Extent : Light,	Area Affected: 100	%		
	Location: Throughout					

lechanical	Current Ro	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Steam Boiler	80% Now	\$3,200	2040	* *	1	\$4,400	
	Corroded, Extent: Mo	derate, Area Affe	cted : 5%	6			
	Location: Boilers						
	Other Observation, Ex	tent : Light, Area	Affected	! : 100%			
	Location: Basement						
	Explanation: 2 Units	S					
No Component	20%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13017

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Distribution				
Central Plant Steam	100%	2047 **	4 \$500	
Piping/Pmp				
Terminal Devices	000/	2022 **	1 000	
Convector/Radiator	90%	2032	1 \$1,800	
Unit Heater - Steam	10%	2032	4 \$100	
	Other Observation, Extent : Ligh Location : 1st Floor	t, Area Аffectea : 10%		
A in Conditioning	Explanation : Apparatus Floor			
Air Conditioning				
Energy Source Electricity	100%	2043 **	1	
Conversion Equipment	10070	2043	1	
Window/Wall Unit	100%	2022 \$13,000	1	
Ventilation	10070	2022 \$13,000	1	
Distribution				
Ductwork/Diffusers	20%	LIFE **	2-5 \$700	
No Component	80%	LIIL	2-3 φ/00	
Exhaust Fans	0070			
Interior	100%	2035 **	2 \$200	
Plumbing	10070	2033	2 4200	
H/C Water Piping				
Galvanized Steel	100%	2044 **	1	
Water Heater		-		
Gas Fired	100%	2026 \$3,800	2 \$100	
	Other Observation, Extent : Ligh		·	
	Location: Basement	00		
	Explanation: 1-75 Gallon			
Sanitary Piping				
Cast Iron	100%	LIFE **	1	
Storm Drain Piping				
Cast Iron	100%	LIFE **	1	
Sump Pump(s)				
Submersible	100% 0-2	2022 \$200	4 \$100	
	Damaged, Extent : Moderate, Ar	ea Affected : 100%		
	Location: Cellar			
Fixtures				
Generic	100%			
Fire Suppression				
Chemical System				
Wet	5%	2025 \$100	1-3 \$200	
	Other Observation, Extent : Ligh	t, Area Affected : 5%		
	Location: 1st Floor			
	Explanation: Over Kitchen Ho	od		
No Component	95%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 230 Address : 701 PARK AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.230 / 13122 Yr Built/Renovated : 1949 /

Area Sq Ft : 4,500 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1730 Lot : 49 BIN : 3048373

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$38,000	
Electrical	\$48,800	\$30,800
Total	\$86,800	\$30,800
Importance Code B	\$86,800	\$30,800
Total	\$86,800	\$30,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$37,200			
Interior Architecture	\$15,800		\$700	\$200
Electrical	\$5,800			\$5,700
Mechanical	\$3,300	\$800	\$900	\$7,200
Total	\$62,100	\$900	\$1,700	\$13,100
Importance Code A	\$42,500	\$400	\$400	\$400
Importance Code B	\$9,600	\$400	\$700	\$12,600
Importance Code C	\$10,000		\$600	
Total	\$62,100	\$900	\$1,700	\$13,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 230

Asset #: 13122

rchitecture	Current Repair	Future R	Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior						
Exterior Walls	000/ 1	Φ 21 (00 LIFE	* *	-	Φ1.4.400	
Masonry: Brick	90% Now Water Penetration, Extent: I Location: 2nd Floor Exerc			5	\$14,400	
Wood Overhead Doors	10% 4+ Broken/Missing Elements, Ex Location: Throughout	\$5,000 2032 ctent : Light, Area Affec	* * ted : 30%	5	\$4,000	
Windows						
Aluminum	100% Now Weather Strip Missing, Exten Location: At Windows With			5	\$400	
Parapets	100/	LIDD	* *			
Cast Stone/Terra Cotta	10%	LIFE	**	5	\$400	
Masonry: Brick Roof	90%	LIFE		5	\$500	
Built-Up (BUR)	95% 4+ Alligatoring, Extent: Light, A Location: Throughout	\$600 2027 Area Affected : 50%	\$27,600			
Skylight, Metal/Glass	5% Now Corrosion/Rusting, Extent: M Location: Throughout	\$9,400 2037 Moderate, Area Affected	* * l : 50%			
	Miss/Damaged Flashings, Ex Location: Metal Counter F Water Penetration, Extent: I	lashing Located Over F	Roof Curb			
erior	Location: Throughout					
Floors Cast in Place Concrete	60% Now Other Observation, Extent: S Location: Apparatus Floor		* * 100%	5	\$8,000	
	Explanation: Structurally I	Insufficient				
Ceramic Tile	5%	2036	* *	5	\$300	
Granite Panels	5% Recent Replace Evident, Exte Location: Kitchen	LIFE ent : Light, Area Affecte	* * d : 100%	5	\$200	
Terrazzo	5%	LIFE	* *	5	\$200	
Vinyl Tile	25% Now Worn/Eroded, Extent: Light, Location: Throughout	\$3,900 2027	\$12,900	3	\$600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 230

Asset #: 13122

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	30%	Now	\$4,400	LIFE	* *			
		etration, E. : Basemen	xtent : Light, Area t	Affected	: 5%			
Ceramic Tile	10%			2036	* *	5	\$1,200	
Plaster	30%	Now	\$5,600	LIFE	* *	5	\$1,000	
	Location Paint Peel	: Through	: Light, Area Affec					
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$500	2032	* *	5	\$600	
1 7	O	0,	Extent : Light, Are or Locker Room	ea Affect	ed : 10%			
Exposed Concrete	60%			LIFE	* *	5	\$800	
•	Paint Peeling, Extent : Moderate, Area Affected : 10% Location : Apparatus And Basement							
Plaster	25%	Now	\$1,400	LIFE	* *	5	\$1,300	
	_	Crumbling, : Through	Extent : Light, Are	ea Affect	ed : 10%			

ectrical	Current Repa	air	Future	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts							
Service Equipment							
Molded Case Bkrs	100% Now	\$4,800	2057	* *	5	\$100	
	Other Observation, Exter	it : Severe, Area	Affected	d: 100%			
	Location: Basement						
	Explanation : The Servi	ice Equipment V	Vas Seve	rely Damaged Fro	m Water	Leaking On	
	Components.						
Switchgear / Switchboard							
Molded Case Bkrs	100% Now	\$48,800	2057	* *	5	\$100	
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: Basement						
	Explanation: Severely	Damaged From	Water L	.eak.			
Raceway							
Conduit	80%		2027	\$25,000	1		
Conduit	20%		2047	* *	1		
Panelboards							
Molded Case Bkrs	80%		2026	\$30,800	5	\$100	
Molded Case Bkrs	20%		2035	* *	5		
Wiring							
Thermoplastic	80%		2027	\$22,200	1		
Thermoplastic	20%		2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 230

Asset #: 13122

Electrical	Current Repair	Future R	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Motor Controllers							
Locally Mounted	100%	2025	\$14,400	5			
Ground							
Grounding Devices							
Generic	100% Now \$1,0	00 LIFE	* *	5	\$100		
	Other Observation, Extent: Severe	, Area Affected :	100%				
	Location: Basement						
	Explanation: Ground Wire Is In	Poor Condition A	And Connection	s Are Sev	verely Corroded.		
Lighting							
Interior Lighting							
Fluorescent	30%	2027	\$3,700	10	\$1,200		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: 1st Floor						
	Explanation: T8 Lamps						
Incandescent	5%	2022	\$1,400	2			
LED	65%	2035	* *				
Exterior Lighting							
HID	75%	2032	* *	10			
HID	25%	2022	\$4,200	10			

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2037	* *	1		
Conversion Equipment						
Steam Boiler	100%	2032	* *	1	\$4,500	
	Other Observation, Extent : Lig	ght, Area Affected	: 100%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2037	* *	4	\$200	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2032	* *	1	\$1,500	
Air Conditioning						
Energy Source						
Electricity	100%	2035	* *	1		
Conversion Equipment						
Split Unit	15%	2027	\$13,500			
Window/Wall Unit	45%	2022	\$3,900	1		
No Component	40%					
Distribution						
Ductwork/Diffusers	10%	LIFE	* *	2	\$600	
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 230

Asset #: 13122

Mechanical		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$300	
No Component	90%							
Exhaust Fans								
Interior	20%			2032	* *	2		
Roof	10%			2027	\$700	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,600	2	\$100	
	Other Obs	ervation, Extent	: Light, Area A	Affected	: 100%			
	Location	: Basement						
	Explana	tion : Two 75 Ga	llon Units					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$2,600	LIFE	* *	1		
	Blockage /	Clogged, Extent	: Severe, Area	ı Affecte	ed : 10%			
	Location	: Water Backs U	Ip In Basemen	t When	It Rains			
Sump Pump(s)								
Submersible	100%			2020	\$100	4	\$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	10%			2025	\$200	1-3	\$500	
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 231/LADDER 120

Address : 107 WATKINS STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.231 / 13123 Yr Built/Renovated : 1905 / 2002

Area Sq Ft : 9,700 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3507 Lot : 5 BIN : 3000000

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$55,800	\$157,900
Interior Architecture		\$52,900
Electrical		\$36,600
Mechanical		\$197,200
Total	\$55,800	\$444,500
Importance Code A	\$55,800	\$157,900
Importance Code B		\$286,600
Total	\$55,800	\$444,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$85,300		\$700	
Interior Architecture	\$2,600		\$1,400	\$2,300
Electrical	\$6,300	\$700	\$700	\$700
Mechanical	\$17,300	\$1,400	\$7,600	\$1,400
Total	\$111,500	\$2,100	\$10,300	\$4,400
Importance Code A	\$86,300	\$1,000	\$1,600	\$1,000
Importance Code B	\$23,700	\$1,100	\$8,700	\$2,500
Importance Code C	\$1,500			\$900
Total	\$111,500	\$2,100	\$10,300	\$4,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13123

Architecture		Current Repair		Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimat (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			IFE	* *	5	\$18,500	
		Miss/Erod, Extent .		a Affe	cted : 5%			
		Front Facade Rig		150/				
		xtent : Moderate, A		: 15%				
		: North, East, West						
Masonry: Granite	3%			IFE	* *	5	\$600	
Masonry: Limestone	5%			IFE	**	5	\$1,000	
		Miss/Erod, Extent .	Moderate, A	Area A	ffected : 10%			
		: Front Facade						
Metal Panel	2%		. ,	053	* *	5	\$1,000	
		Rusting, Extent: M		a Affec	cted : 100%			
	Location	: Front Facade At 3						
Stucco Cement	13%		,	.028	\$99,400	5	\$4,300	
		rumbling, Extent :		Affecte	d : 10%			
	Location	: Right Facade At 1	st Floor					
Wood Overhead Doors	7%		2	028	\$58,500	5	\$9,300	
Windows								
Aluminum	90%	·	,	048	* *	5	\$300	
		c Not Funct, Extent	: Moderate,	Area A	Affected : 20%			
	Location	: Throughout						
Aluminum	10%		2	039	* *	5	\$100	
Parapets								
Cast Stone/Terra Cotta	10%			IFE	* *	5	\$800	
Metal Rail	10%			036	* *	5-10	\$1,700	
Stucco Cement	80%			028	\$20,000	5	\$2,000	
	_	rumbling, Extent :	_	Affecte	d : 1%			
	Location	: Throughout Parap	pet					
Roof	400:		_	000	h a a a a	10	* * * * * * *	
Modified Bitumen	40%			028	\$23,100	10	\$4,000	
Roll Roofing	60%		2	019	\$24,500	5	\$9,900	
nterior								
Floors	250/		т	IDD	* *	_	\$0.500	
Cast in Place Concrete	35%			IFE	* *	5	\$9,500	
Ceramic Tile	10% 50%	0.2		032		5	\$1,200 \$2,300	
Vinyl Tile					\$52,900	3	\$2,300	
	Location	sing Elements, Exte · Collar	ını . wıoaera	ie, Are	за Аујества : 10%			
337 1		. Cenai	2	051	* *	-	¢1.200	
Wood	5%		2	051	ጥ ጥ	5	\$1,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13123

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$1,800	
Concrete Masonry Unit	10%			LIFE	* *	5	\$700	
Gypsum Board	10%	Now	\$1,500	LIFE	* *	5	\$1,100	
	Other Obs	ervation, E	xtent : Severe, Are	a Affecte	ed: 40%			
	Location	: Cellar						
	Explanat	ion : Dama	ige Due To Fuel O	il Spill (S	Spill Cleaned Up)			
Masonry: Brick	10%			LIFE	* *			
Plaster	35%			LIFE	* *	5	\$1,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$3,600	
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	\$1,600	
Embossed Metal	80%			LIFE	* *	5	\$4,500	
Exposed Struc: Steel	10%			LIFE	* *			

Electrical	Current R	epair	Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2023	\$4,800	5		
	Other Observation, Ex	ctent : Light, Area	Affected	: 100%			
	Location: Basement	Electrical Sectio	n				
	Explanation: 200 A	mp					
Raceway							
Conduit	100%		2033	* *	1		
Panelboards							
Molded Case Bkrs	100% Now	\$1,900	2048	* *	5	\$100	
	Covers Missing, Exter			75%			
	Location : Basement	, Apparatus Floo	r Boxes				
Wiring							
Thermoplastic	100%		2033	* *	1		
Motor Controllers							
Motor Control Center	100%		2028	\$14,400	5	\$300	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Stand-by Power							
Transfer Switches							
Automatic	100%		2036	* *	1	\$3,000	
	Other Observation, Ex	_		: 100%			
	Location: Basement		n				
	Explanation: 200 A	mp, 208 V					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13123

Electrical	Current Repair	Futu	re Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators	1000/				00.000	
Diesel	100%	2032	**	1	\$3,800	
	Other Observation, Extent : Light, Area Location : Parking Lot	і Ајјестеа	1:100%			
	Explanation: 60 Kw/75 Kva, 208 V, 3	R Phase				
Batteries	Explanation: 00 Kw/73 Kva, 200 V, 5) I nuse				
Lead/Acid	100%	2019	\$1,500	5	\$400	
Fuel Storage	10070		\$1,000		ψ.00	
Day Tank	20%	2039	* *	5	\$400	
•	Other Observation, Extent : Light, Area	a Affectea	l : 100%			
	Location: Inside Generator Enclosur	re				
	Explanation: 125 Gallon Diesel Fuel	Oil Tank	k			
Main Tank	80%	2038	* *	5	\$200	
	Other Observation, Extent : Light, Area	a Affectea	l : 100%			
	Location: Basement					
	Explanation: 550 Gallon Diesel Fuel	Tank				
Lighting						
Interior Lighting						
Fluorescent	27%	2028	\$7,100	10	\$2,400	
	T-12 Lamps And Fixtures, Extent: Ligh	ıt, Area A	Affectea : 100%			
	Location: Throughout	2020	016000	10	0.7.100	
Fluorescent	61%	2028	\$16,000	10	\$5,400	
	T-8 Lamps And Fixtures, Extent: Light Location: Throughout	, Area Af	fectea : 100%			
_,						
Fluorescent	7% Now \$1,800	2033	**			
	T-8 Lamps And Fixtures, Extent: Light	, Area Af	fected: 100%			
	Location: Throughout	Auga Aff	antad . 1000/			
	Other Observation, Extent : Moderate, Location : Throughout	Агеа Ајје	eciea : 100%			
	Explanation : Burnt Out					
Impandagaant	5%	2022	\$2.100	2		
Incandescent	5% Other Observation, Extent: Light, Area	2023	\$3,100	2		
	Location: In T. V. Room	і Аујестей	1. 100/0			
	Explanation: Downlights					
Egress Lighting	Expunuion . Downingins					
Emergency, Service	50%	2023	\$2,400	1		
No Component	50%	_525	Ψ2,.00	-		
Exterior Lighting						
HID	100%	2023	\$36,600	10		
	Other Observation, Extent : Moderate,		•			
	Location: Facade And Side Parking					
	Explanation: Wall Mounted, Control	led Via T	ïme Clock			

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13123

Mechanical		Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		20.42	* *			
Natural Gas	100%		2043		1		
		lace Evident, Extent : Light, : Total House	Area Aff	ected: 100%			
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$9,600	
Distribution							
Central Plant Steam Piping/Pmp	100%		2023	\$153,500	4	\$700	
Terminal Devices							
Convector/Radiator	90%		2028	\$43,700	1	\$2,800	
Unit Heater - Steam	10%		2023	\$3,200	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment Exterior Pkg Unit -	10%		2028	\$7,300	2	\$100	
Cooling	Other Obse	ervation, Extent : Light, Area	Affactac	1 - 100%			
	Location	_	Ajjecieu	. 100%			
		. Kooj ion : Split Unit Serves Kitche	12				
Window/Wall Unit	80%	on . Spiii Onii Serves Kiiche	2019	\$15,100	1		
No Component	10%		2019	\$13,100	1		
Heat Rejection	1070						
Dry Cooler	10%		2028	\$4,400	2	\$700	
No Component	90%		2020	ψ1,100	_	Ψ700	
Ventilation	,,,,						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,400	
Exhaust Fans						•	
Interior	100%		2023	\$32,300	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2033	**	1		
		Meter, Extent : Light, Area Aj	fected :	100%			
	Location	: Basement					
Water Heater			• • • •		-		
Gas Fired	100%		2021	\$5,500	2	\$100	
		ervation, Extent : Light, Area	Affected	1:100%			
		: Basement					
C:4 Di	Explanat	ion : 2 - 75 Gallon Units					
Sanitary Piping	1000/		LIEE	* *	1		
Cast Iron	100%		LIFE		1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
	100%		LIFE		1		
Sump Pump(s) Submersible	100%		2019	\$300	4	\$300	
Submersible	10070		2019	\$300	+	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13123

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estin FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sewage Ejector(s)						
Electric	100%	2023	\$2,600	4	\$600	
Backflow Preventer				•		
No Component	95%					
Generic	5%	2028	\$100	1		
	Other Observation, Extent : La	ight, Area Affected : 100	%			
	Location: Basement					
	Explanation: Serves Boiler	Only				
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent: Sev	vere, Area Affected : 100	0%			
	Location : Total House					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 233/LADDER CO. 176

Address : 25 ROCKAWAY AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 12,000 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,m,2

Block : 1512 Lot : 1 BIN : 3040990

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$336,600	
Interior Architecture		\$76,200
Electrical		\$153,000
Mechanical		\$134,400
Total	\$336,600	\$363,700
Importance Code A	\$336,600	
Importance Code B		\$363,700
Total	\$336,600	\$363,700

Total	\$119,200	\$9,900	\$3,500	\$18,200
Importance Code C	\$7,500	\$400		
Importance Code B	\$87,200	\$4,100	\$2,900	\$16,700
Importance Code A	\$24,500	\$5,400	\$600	\$1,500
Total	\$119,200	\$9,900	\$3,500	\$18,200
Mechanical	\$23,900	\$1,600	\$1,900	\$10,800
Electrical	\$10,300	\$2,700	\$1,500	\$4,800
Interior Architecture	\$61,000	\$800		\$1,800
Exterior Architecture	\$23,900	\$4,800		\$800
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13124

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Concrete Masonry Unit	_	Now	\$161,700	LIFE	**	5	\$6,100	
	_	Crumbling, : Side Alle	<i>Extent : Moderate</i> y	, Area A <u>j</u>	fected : 15%			
		Miss/Erod : Entry Fa	l, Extent : Moderai cade	Affected : 10%				
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15% Location : Above Overhead Doors - Main Facade						
		Staining/Discoloring, Extent : Moderate, Area Affected : 25% Location : Throughout						
		_	nt : Moderate, Are	a Affecte	d : 20%			
			cades And Side Lo					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	: North Fa	cade @ 1st Floor	Offices A	nd Foundation Wo	all Below	,	
Metal Panel	10%	Now	\$800	2037	* *	5	\$4,100	
	-		tent : Moderate, A atch At Main Faca		ted : 20%			
Metal Sect. OHD	10%			2040	* *	5	\$6,800	
Pre-Cast Concrete	25%			LIFE	* *	5	\$17,800	
Stucco Cement	5%			2040	* *	5	\$2,700	
Window Wall	5%	Now	\$52,500	2057	* *	5	\$2,000	1
	Broken/Mi	ssing Elem	ents, Extent : Seve	re, Area	Affected : 20%			
	Location	: House W	atch - Main Entra	nce, 1st A	and 2nd Floor			
Windows								
Aluminum		Now	\$23,100	2052	* *	5	\$300	
		ition, Exten : Through	t : Severe, Area A <u>f</u> out	fected : 4	10%			
	Broken/Missing Elements, Extent: Severe, Area Affected: 10% Location: 2nd Floor							
	_	d/Bulging, I : Through	Extent : Moderate, out	Area Aff	ected : 35%			
Metal Louvers	3%			2036	* *	10	\$100	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	\$4,300	
Concrete Masonry Unit	25%			LIFE	* *	5	\$200	
Metal Panel	20%			2037	* *	5	\$600	
Metal Rail	5%			2032	* *	5-10	\$700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13124

stem Component Type	% of Total	Fail Date	Estimated Cost					
	1 otal	(Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior Roof								
Modified Bitumen	100%	Now	\$122,400	2037	* *			
1110 01110 01 2100111011			Severe, Area Affe		%			
	_	_	d Lower Roofs					
	Blisters, E	xtent : Mod	derate, Area Affect	ed : 35%				
	Location	: Main An	d Lower Roofs					
	Seams Op	en/Split, Ex	tent : Moderate, A	rea Affec	ted : 30%			
	Location	: Main An	d Lower Roofs					
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d: 10%			
	Location	: Above K	itchen					
	Worn/Ero	ded, Extent	: Moderate, Area	Affected :	: 25%			
	Location	: Main An	d Lower Roofs					
erior								
Floors	400/	2.4	Φ 7 .500	LIDE	* *	-	Φ1.5.700	
Cast in Place Concrete	40%		\$7,500	LIFE		5	\$15,700	
			Extent : Moderate					
G		i : various	Locations In Appa		* *		#	
Ceramic Tile	5%			2030	* *	5	\$900	
Quarry Tile	5%	N I	¢15 200	2032 2027		5	\$1,300	
Vinyl Tile		Now	\$15,200 nents, Extent : Mod		\$76,200	3	\$3,400	
		: Sitting A		егине, Аг	eu Ajjecieu . 20/0			
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2030	* *	5	\$800	
Concrete Masonry Unit	45%	4+	\$7,500	LIFE	* *	5	\$2,700	
	Cracking/	Crumbling,	Extent: Light, Are	ea Affecte	ed : 20%			
	Location	: Various	Locations Through	out				
Gypsum Board	10%			LIFE	* *	5	\$900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$21,800	2047	* *	5	\$1,300	
			Extent : Moderate	e, Area A <u>f</u>	ffected : 40%			
		: Kitchen						
		netration, E 1 : Kitchen	xtent : Severe, Are	a Affected	d : 15%			
Exposed Concrete	35%			LIFE	* *	5	\$1,000	
Gypsum Board	50%	0-2	\$9,100	LIFE	* *	5	\$11,200	
Syptom Bourd	Water Pen		xtent : Moderate, 1		cted : 20%	5	Ψ11, 2 00	

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13124

Electrical	Current Repair	Future Re	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	Sear Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2027	\$4,800	5	\$300			
	Other Observation, Extent: Modera	te, Area Affectea	l : 100%					
	Location : Basement							
	Explanation : Main Service Discon	nect Rated @ 50	00 Amperes					
Switchgear / Switchboard								
Molded Case Bkrs	100%	2027	\$48,800	5	\$300			
Raceway								
Conduit	100%	2027	\$31,300	1				
Panelboards	1000/	•0		_				
Molded Case Bkrs	100%	2026	\$38,500	5	\$300			
Wiring	1000/	• • • •	**					
Thermoplastic	100%	2027	\$27,700	1				
Motor Controllers	1000/	2027	Φ1 4 40°	-	0100			
Locally Mounted	100%	2025	\$14,400	5	\$100			
Ground								
Grounding Devices	1000/ 0.2	0 1155	* *	~	#200			
Generic	100% 0-2 \$9,500 LIFE ** 5 \$200 Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Boiler Room	ie, Area Ajjeciea	1: 100%					
Stand-by Power	Explanation: Corroded							
Transfer Switches								
Automatic	100%	2025	\$4,800	1	\$3,700			
Generators	10070	2023	ŷ - ,000	1	\$3,700			
Diesel	100%	2023	\$65,700	1	\$4,700			
Diesei	Other Observation, Extent : Modera			1	Ф , 700			
	Location: Basement	ie, 111 eu 11jjeereu	. 100/0					
	Explanation: Emergency Generate	or Rated @ 62kv	v					
Batteries	The second secon		·					
Lead/Acid	100%	2020	\$1,500	5	\$400			
Fuel Storage			4-,5-5-		7			
Day Tank	50%	2026	\$400	5	\$1,100			
2 4) 1444	Other Observation, Extent : Moderat				Ψ1,100			
	Location: Basement							
	Explanation: 50 Gallons Rated Ca	apacity						
Main Tank	50%	2030	* *	5	\$200			
112WIII TWIII	Other Observation, Extent : Modera		l : 100%	J	Ψ200			
	Location: Outside							
	Explanation: 275 Gallons Rated C	Capacity						
Lighting	T	· r · · · · · /						

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13124

Electrical	Current Repair	Future R	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	70%	2027	\$22,800	10	\$7,700	
	T-8 Lamps And Fixtures, Extent : Location : Throughout The Bui		ffected : 100%			
Fluorescent	5%	2027	\$1,600	10	\$600	
	Compact Fluorescent Light, Exte Location : 2nd Floor	nt : Moderate, Are	a Affected : 100	%		
LED	25%	2035	* *			
Egress Lighting						
Emergency, Service	50%	2022	\$2,900	1		
Exit, Service	50%	2022	\$700	1		
Exterior Lighting						
HID	20%	2027	\$9,000	10		
No Component	80%		·			

Mechanical		Current Repai	r	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	* *	1	\$5,900	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$900	
Terminal Devices								
Convector/Radiator	10%			2032	* *	1	\$400	
Fan Coil Unit/Heat	80%	Now	\$13,400	2027	\$134,400	1	\$2,800	
	Malfunction	ning, Extent : Se	evere, Area Ą	ffected :	20%			
	Location	: 6 Of Them Ha	ve Mechanico	al Defect	s.			
	Other Obse	ervation, Extent	: Severe, Are	a Affecte	d: 80%			
	Location	: Throughout						
	Explanati	on: 15 Units.						
Unit Heater - Steam	10%			2027	\$4,000	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13124

Mechanical	С	urrent Repair	Future	Replacement	M		
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Split Unit	15%		2032	* *			
		vation, Extent : Light, Area	ı Affected .	: 15%			
		For Locker Room					
		n : 1 Unit. R-410a.					
Window/Wall Unit	30%		2022	\$7,000	1		
Window/Wall Unit		0-2 \$7,000	2027	\$7,000	1		
		Life, Extent: Severe, Area	a Affected .	: 30%			
	Location : \	Various					
No Component	25%						
Terminal Devices							
Fan Coil - 2 Pipe	15%		2032	* *	1	\$600	
No Component	85%						
Heat Rejection							
Dry Cooler	15%		2032	* *	2	\$1,300	
No Component	85%						
Ventilation							
Distribution							
Ductwork/Diffusers	60%		LIFE	* *	2-5	\$4,000	
No Component	40%						
Exhaust Fans							
Roof	60%		2032	* *	2	\$200	
No Component	40%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2037	* *	1		
Water Heater							
Gas Fired	100%		2025	\$6,800	2	\$200	
		vation, Extent : Light, Area	ı Affected .	: 100%			
	Location : I						
	Explanation	ı: 2 - 75 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
	_	ogged, Extent : Severe, Ard Ist Floor Sitting Area	ea Affected	d : 5%			
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2027	\$1,700	4	\$400	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	90%						
Generic	10%		2037	**	1-2	\$300	
	·			·		·	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 233/LADDER CO. 176

Asset #: 13124

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression Chemical System				
Generic	100%	2022 \$1,900	1-3 \$4,000	
	Other Observation, Extent : Light, Are	a Affected : 100%		
	Location: In Kitchen			

Explanation: 1 Unit

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 234 LADDER 123/BATTALION 38

Address : 1352 ST. JOHN'S PLACE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.234 / 13125 Yr Built/Renovated : 1977 /

Area Sq Ft : 10,355 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Apr-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1384 Lot : 8 BIN : 3037055

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$316,000	
Interior Architecture	\$51,200	
Electrical		\$153,000
Total	\$367,200	\$153,000
Importance Code A	\$316,000	
Importance Code B	\$51,200	\$153,000
Total	\$367,200	\$153,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,600			\$2,600
Interior Architecture	\$39,000	\$700		\$2,500
Electrical	\$700	\$2,500	\$1,300	\$4,800
Mechanical	\$13,700	\$1,400	\$1,300	\$15,100
Total	\$92,000	\$4,600	\$2,600	\$25,000
Importance Code A	\$39,100	\$500	\$500	\$3,300
Importance Code B	\$52,900	\$3,400	\$2,100	\$21,800
Importance Code C		\$700		
Total	\$92,000	\$4,600	\$2,600	\$25,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13125

Architecture	Current Rep	air	Future	e Replacement	М	Maintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Concrete Masonry Unit	90% Now	\$316,000	LIFE	**	5	\$12,000		
	Broken/Missing Element							
	Location: On Both Sid Cracking/Crumbling, Ex	-						
	Location: Entry Facat		геи Ајјес	iea . 1570				
	Jnt Mortar Miss/Erod, E		Area Affe	cted · 50%				
	Location : All Facades		1, 00, 11,5,0					
	Misaligned/Bulging, Ext	ent : Moderate,	Area Aff	ected : 15%				
	Location : Underside (
	Water Penetration, Exte	nt : Moderate, A	rea Affe	cted : 20%				
	Location: At Duct Per	etrations Along	Side Ele	vation				
Wood Overhead Doors	10%		2044	* *	5	\$10,700		
	Recent Repair Evident, I	Extent : Light, A	rea Affec	rted : 100%				
	Location : Entry Facad	le						
Windows					_			
Aluminum	100% Now	\$22,300	2052	**	5	\$300		
	Worn/Eroded, Extent: N Location: Throughout	loderate, Area	Affected :	50%				
Parapets	Locuiton . Intoughout							
Cast Stone/Terra Cotta	15% 0-2	\$3,000	LIFE	* *	5	\$1,900		
Cast Stoller Terra Cotta	Repointing Failure, Exte			ected : 20%	3	Ψ1,700		
	Location : Main And L		33					
Concrete Masonry Unit	60% 0-2	\$2,500	LIFE	* *	5	\$1,100		
•	Jnt Mortar Miss/Erod, E	xtent : Moderai	e, Area A	ffected : 20%		. ,		
	Location : Throughout							
Metal Rail	15%		2032	* *	5-10	\$4,300		
Stucco Cement	10% Now	\$1,200	2040	* *	5	\$200		
	Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Throughout							
	Loose/Delam Surface, E.	xtent : Moderat	e, Area A	ffected : 15%				
	Location : Interior Side	e Of Upper Par	apet Wali	!				
	Vertical Cracks, Extent .	Moderate, Are	a Affecte	d: 25%				
	Location: Upper Roof							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13125

Architecture	Current Repair		Future I	Replacement	Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior							
Roof	050/ 2.4	¢2.500	2025	* *			
Modified Bitumen	85% 2-4 Debris Present, Extent: Location: Throughout Recent Replace Evident, Location: Upper Roof Ridging, Extent: Light, A Location: South West	Extent : Light, Area Affected :	Area Affeci	15%			
Single Ply Membrane	15% Now	\$700	2027	\$7,100			
	Miss/Damaged Flashings Location: Throughout Ponding, Extent: Moder Location: Lower Roof Water Penetration, Exten Location: Bunk Room	ate, Area Affec - South And No	ted : 20% orth Ends				
nterior							
Floors							
Cast in Place Concrete	50% Now Misaligned/Bulging, Exte Location : Apparatus R		LIFE ea Affected	**!: 5%	5	\$16,500	
Ceramic Tile	5% Now Broken/Missing Elements Location : 2nd Floor Bo				5	\$400	
Quarry Tile	5%		2032	* *	5	\$1,100	
Vinyl Tile	40% 0-2	\$51,200	2037	* *	3	\$2,300	
	Broken/Missing Elements Location : Second Floo Worn/Eroded, Extent : Se Location : Throughout	r evere, Area Aff					
Interior Walls							
Cast in Place Concrete	10%		LIFE	* *			
Ceramic Tile	10%		2030	* *	5	\$1,500	
Concrete Masonry Unit	15%		LIFE	* *	5	\$900	
Gypsum Board	30%		LIFE	* *	5	\$2,600	
SGFT/Glazed Masonry	35%		LIFE	* *			
Ceilings	150/		2022	* *	-	#2.200	
AcousTileSusp.Lay-In	15%		2032	* *	5	\$2,300	
Exposed Concrete	20%	¢20.700	LIFE	* *	5	\$500 \$12,300	
Gypsum Board	65% Now Cracking/Crumbling, Ext Location: 2nd Floor O	ffice And Office	er Bunk Ro	d : 40% om	5	\$12,300	
	Water Penetration, Extended Location: 2nd Floor	at : Severe, Are	a Affected :	15%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13125

Electrical	Current Repair	Current Repair Future Replacement		nt Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent: Mod Location: Basement	-	5	\$300		
Switchgear / Switchboard	Explanation : Main Service Di	sconnect Switch Rated @ 300 Amp	oeres.			
Molded Case Bkrs	100%	2027 \$48,800	5	\$300		
Raceway Conduit	100%	2027 \$31,300	1			
Panelboards Molded Case Bkrs	100%	2026 \$38,500	5	\$300		
Wiring Thermoplastic	100%	2027 \$27,700	1			
Motor Controllers Locally Mounted	100%	2025 \$14,400	5	\$100		
Ground Grounding Devices Generic	100%	LIFE **	5	\$200		
Stand-by Power Transfer Switches Automatic	100%	2025 \$4,800	1	\$3,200		
Generators Diesel	100% Other Observation, Extent : Mod Location : Generator Room	2023 \$65,700 derate, Area Affected : 100%	1	\$4,000		
	Explanation: Emergency Gene	erator Rated @ 30 Kw				
Batteries Lead/Acid	100%	2020 \$1,500	5	\$400		
Fuel Storage Day Tank	50% Other Observation, Extent: Mod Location: Basement Explanation: 30 Gallons Rate	u.	5	\$1,000		
Main Tank	50% Other Observation, Extent: Mod Location: Underground Explanation: 1000 Gallons Ra	2030 ** derate, Area Affected : 100%	5	\$200		
Lighting Interior Lighting Fluorescent	40% T-8 Lamps And Fixtures, Extent Location : Throughout The Bu	2032 ** : Moderate, Area Affected : 100% ilding	10	\$3,800		
LED	60%	2035 **				
Egress Lighting Emergency, Service	100%	2027 \$5,100	1			
		. ,				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13125

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting				
Exterior Lighting				
HID	20%	2027 \$7,800	10	
No Component	80%			

\$1,500 \$3,300 \$200	Priority
\$3,300	
\$3,300	
\$3,300	
\$3,300	
\$3,300	
\$3,300	
\$200	
\$500	
#1 200	
\$1,300	
\$200	
\$200	
\$1.700	
	\$200 \$1,700

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13125

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Roof	40%		2035	* *	2	\$100	
Wall Unit	20%		2032	* *	2	\$100	
No Component	40%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2037	* *	1		
Water Heater							
Gas Fired	100%		2022	\$5,900	2	\$200	
		servation, Extent : Light, Ar	ea Affectea	l : 100%			
		a : Basement					
<u> </u>	Explana	tion: 2 Units.					
Sanitary Piping							
Cast Iron		Now \$3,500		* *	1		
		/Clogged, Extent : Moderat	e, Area Aff	ected : 5%			
	Location	a: 1st Floor					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2020	\$300	4	\$300	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	95%						
Generic	5%		2027	\$4,700	1-2	\$200	
	Other Obs	servation, Extent : Light, Ar	ea Affected	l : 5%			
		a : Basement					
	Explanat	tion : Limited Coverage					
Chemical System							
Generic	100%		2022	\$1,900	1-3	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 235 / BATTALION 57

Address : 206 MONROE STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.235 / 13126 Yr Built/Renovated : 1895 /

Area Sq Ft : 4,733 Project Type : FIRE DEPARTMENT

Date of Survey : 31-May-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 1817 Lot : 48 BIN : 3051323

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$57,700	
Total	\$57,700	
Importance Code A	\$57,700	
Total	\$57,700	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$35,200		\$6,800	\$200
Interior Architecture	\$7,500		\$900	\$200
Electrical	\$1,900	\$400	\$18,600	\$300
Mechanical	\$6,400	\$600	\$3,500	\$600
Total	\$51,100	\$1,000	\$29,900	\$1,300
Importance Code A	\$35,700	\$500	\$7,300	\$700
Importance Code B	\$9,600	\$600	\$22,500	\$700
Importance Code C	\$5,800			
Total	\$51,100	\$1,000	\$29,900	\$1,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 235 / BATTALION 57

Asset #: 13126

rchitecture	Current	Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls Masonry: Brick	Spalling, Extent: M Location: North I Vertical Cracks, Ex	acade, South Facade oderate, Area Affec Facade, West Facad tent : Moderate, Are	e, West Fac ted : 25% e	cade	5	\$19,200	
	Location : Rear Fo	acade		at at			
Masonry: Limestone Metal Panel	10% 10% Recent Replace Evid Location: Throug	_	LIFE 2053 Area Affec	* * * * rted : 100%	5 5-10	\$2,100 \$18,800	
Wood Overhead Doors	10%		2036	* *	5	\$13,700	
Windows						* -): - :	
Aluminum	100% Now Broken/Missing Ele Location: Throug		2039 Terate, Area	* * n Affected : 30%	5	\$300	
Parapets							
Masonry: Brick	Spalling, Extent: M Location: East Fo Other Observation, Location: Throug	ocade, West Facade oderate, Area Affec ocade, West Facade Extent : Severe, Are	ted : 25% va Affected	: 100%	5 oated Wi	th Tar	
Masonry: Limestone	10% Now	\$2,900	LIFE	* *	5	\$100	
Mason y. Ennestone	Jnt Mortar Miss/Ero Location: Coping	od, Extent : Modera		fected : 60%	3	Ψ100	
Roof							
Asphalt Shingle	15% Other Observation, Location: Throug Explanation: No	hout	2032 Affected :	**	10	\$200	
Built-Up (BUR)	80% Now Vegetation Growth, Location: First F.	loor Lounge Roof					
	Other Observation, Location : Throug Explanation : No	hout Access					
Skylight, Metal/Glass	5% Now Deformed/Dented, I Location: Throug Glazing Broken/Cra	hout					
	Location : Throug						

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 235 / BATTALION 57

Asset #: 13126

Architecture		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$6,500	
Ceramic Tile	5%			2032	* *	5	\$400	
Quarry Tile	5%			2036	* *	5	\$600	
Vinyl Tile	50%			2033	* *	3	\$1,400	
Interior Walls								
Ceramic Tile		Now	\$500	2032	* *	5	\$400	
	_	Crumbling, Ext : Throughout	ent : Light, Are	ea Affect	ed : 10%			
Masonry: Brick	15%			LIFE	* *			
Plaster		Now	\$5,300	LIFE	* *	5	\$4,000	
2 340502	Cracking/	Crumbling, Ext : Throughout			ed : 10%	C	ψ 1,000	
Wood	5%			LIFE	* *	5	\$3,500	
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	\$400	
Embossed Metal	35%			LIFE	* *	5	\$1,200	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	35%	Now	\$1,700	LIFE	* *	5	\$1,600	
		Crumbling, Ext : Throughout	ent : Light, Are	ea Affect	ed : 5%			
Site Enclosure								
Fence/Gates								
Chain link	100%			2053	* *			
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Asphalt	60%			2032	* *			
Cast in Place Concrete	40%			2036	* *			

Electrical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
	Other Observation, Extent: Moderate, A	Area Affecte	ed : 100%			
	Location: Basement Service Area					
	Explanation: One 200 Amperes Main	Disconnect	Switch			
Raceway						
Conduit	80%	2023	\$25,000	1		
Conduit	20%	2049	* *	1		
Panelboards						
Fused Disc Sw	10%	2045	* *	5		
Molded Case Bkrs	90%	2045	* *	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 235 / BATTALION 57

Asset #: 13126

Electrical	Current Repair	Future R	eplacement	М				
System Component Type	% of Fail Date Estimated Co Total (Years)	year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Wiring								
Thermoplastic	80%	2049	* *	1				
Thermoplastic	20%	2023	\$5,500	1				
Motor Controllers								
Locally Mounted	100%	2021	\$14,400	5				
Ground								
Grounding Devices				_	****			
Generic	100%	LIFE	* *	5	\$100			
Stand-by Power								
Transfer Switches	1000/	20.40	* *		#1.700			
Automatic	100%	2040	* *	1	\$1,500			
Generators	1000/	2026	* *	1	#1 000			
Diesel	100%	2036		1	\$1,800			
	Other Observation, Extent : Modera Location : Outside	не, Агеа Ајјесне	1: 100%					
	Explanation : One 81 Kva							
Batteries	Explanation . One of Kva							
Lead/Acid	100%	2019	\$1,500	5	\$200			
Fuel Storage	10070	2017	\$1,500		\$200			
Main Tank	100%	2058	* *	5	\$100			
1110111 1 01111	Other Observation, Extent : Modera		d: 100%	Č	Ψ100			
	Location : Outside	, 33						
	Explanation: One 60 Gallons							
Lighting	-							
Interior Lighting								
Fluorescent	90%	2031	* *	10	\$3,900			
		Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: Throughout The Buildin	ıg						
	Explanation: T-8 Lamps							
Incandescent	10%	2031	* *	2				
Egress Lighting								
Emergency, Service	50%	2031	* *	1				
No Component	50%							
Exterior Lighting								
HID	100%	2028	\$17,800	10				

Mechanical	Current Re	epair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 235 / BATTALION 57

Asset #: 13126

Mechanical		Current Repair	Future Replacement		Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$4,700	
		rvation, Extent : Light, Area	Affected	: 100%			
		Basement					
	Explanation	on : 1 Unit					
Distribution	1000/		• • • • •	* *		4.00	
Central Plant Steam	100%		2033	* *	4	\$200	
Piping/Pmp							
Terminal Devices	000/		2020	#21 202		#1 400	
Convector/Radiator	90%		2028	\$21,300	1	\$1,400	
Unit Heater - Steam	10%		2023	\$1,600	4	\$100	
Air Conditioning							
Energy Source Electricity	100%		2031	* *	1		
	10070		2031		1		
Conversion Equipment Window/Wall Unit	600/		2010	¢5 500	1		
	60% 40%		2019	\$5,500	1		
No Component Ventilation	4070						
Exhaust Fans							
Roof	20%		2028	\$1,500	2		
No Component	80%		2020	\$1,500	2		
Plumbing	3070						
H/C Water Piping							
Brass/Copper	60%		2043	* *	1		
Galvanized Steel	40%		2028	\$7,800	1		
Water Heater	.0.0			Ψ,,530			
Gas Fired	100%		2021	\$2,700	2	\$100	
		rvation, Extent : Light, Area			_	4100	
		Basement	55				
	Explanation	on: 2 Units / 75 Gallons					
Sanitary Piping	*						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
Backflow Preventer							
Generic	100%		2031	* *	1	\$300	
Fixtures							
Generic	100%						
•							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 236

Address : 998 LIBERTY AVENUE @ S. CONDUIT BLVD.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,761 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 4194 Lot : 20 BIN : 3094289

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$57,300	\$52,600
Electrical	\$38,500	
Mechanical		\$75,300
Total	\$95,800	\$127,900
Importance Code A	\$57,300	\$52,600
Importance Code B	\$38,500	\$75,300
Total	\$95,800	\$127,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$46,400			
Interior Architecture	\$95,800			\$400
Electrical			\$14,400	\$100
Mechanical	\$12,200	\$600	\$3,400	\$600
Total	\$154,400	\$600	\$17,700	\$1,100
Importance Code A	\$46,900	\$500	\$500	\$500
Importance Code B	\$71,700	\$200	\$17,300	\$700
Importance Code C	\$35,800			
Total	\$154,400	\$600	\$17,700	\$1,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 236

Asset #: 13127

rchitecture	Current R	epair	Future R	eplacement	M	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls Masonry: Brick	80% Now Cracking/Crumbling, Location: Througho	_	LIFE ea Affected :	**	5	\$19,000	
	Jnt Mortar Miss/Erod Location : Through		rea Affected	: 10%			
Masonry: Granite	3% 0-2 Jnt Mortar Miss/Erod Location: Througho	_	LIFE rea Affected	**: 10%	5	\$500	
Masonry: Limestone	10% 0-2 Jnt Mortar Miss/Erod Location: Througho	=	LIFE rea Affected	**	5	\$1,800	
Wood Overhead Doors	7%		2028	\$52,600	5	\$8,300	
Windows Aluminum	100% 0-2 Ctrwt/Balnc Not Fund Location: Through		2031 ate, Area Affa	* * ected : 25%	5	\$600	
Parapets Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, Location: Througho Water Penetration, Ex Location: Througho	out ctent : Light, Area			5	\$1,500	1
Masonry: Brick	90% 0-2 Cracking/Crumbling, Location: Througho Jnt Mortar Miss/Erod Location: Througho	out , Extent : Moderat			5	\$1,800	
Roof							
Asphalt Shingle	5% Now Water Penetration, Ex Location: Through		2032 Affected : 10	**			
Modified Bitumen	95% Recent Replace Evide Location : Througho		2033 Area Affecte	* * d : 100%	10	\$5,200	

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 236

Asset #: 13127

Architecture	Current I	Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors	400/ 0.2	Ф2 200	LIEE	* *	_	Φζ 000	
Cast in Place Concrete	40% 0-2 Cracking/Crumbling, Location: Through		LIFE , <i>Area Aff</i>		5	\$6,800	
Ceramic Tile	15% 0-2 Cracking/Crumbling, Location : Through		2032 ea Affecte	* * d : 10%	5	\$600	
Vinyl Tile	45% Now Broken/Missing Elen Location : 3rd Floo Worn/Eroded, Extent Location : 3rd Floo	r Gymnasium Thro : Severe, Area Affo	ughout		3	\$1,300	
Interior Walls							
Cast in Place Concrete	3% 0-2 Cracking/Crumbling, Location: Through		LIFE ea Affecte	* * d : 10%			
Ceramic Tile	25% 0-2 Broken/Missing Elem Location : Through		2032 erate, Are	* * a Affected : 40%	5	\$1,400	
Concrete Masonry Unit	2%		LIFE	* *	5	\$100	
Gypsum Board	20% Now Water Penetration, E Location: Through	_	LIFE Affected :	**	5	\$1,400	
Masonry: Brick	20% Now Diagonal Cracks, Ex Location: Through	_	LIFE ffected : .	**			
Plaster	25% Now Cracking/Crumbling, Location: 2nd Floo Water Penetration, E Location: Through	or Bunk Room West Extent : Light, Area	And 3rd	Floor Gymnasiun	5 1 West Ai	\$900 nd South	
SGFT/Glazed Masonry	5% Now Cracking/Crumbling, Location : Through		LIFE rea Affect	* * ed : 40%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 236

Asset #: 13127

Architecture	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	10% 0-	2 \$2,500	2028	\$6,300	5	\$400	
	Water Penetrati Location: 2nd	on, Extent : Moderate, A l Floor Office	Area Affe	cted : 20%			
Embossed Metal	20% 4-	÷ \$1,400	LIFE	* *	5	\$700	
	Deformed/Dente Location : Thr	ed, Extent : Light, Area . coughout	Affected .	: 10%			
Exposed Struc: Steel	20% 0-	2 \$16,400	LIFE	* *			
	Corrosion/Rusti Location : Thr	ng, Extent : Light, Area oughout	Affected	: 20%			
Gypsum Board	10% No	w \$2,400	LIFE	* *	5	\$1,000	
31	Cracking/Crum Location : Thr	bling, Extent : Severe, A	rea Affec	eted : 30%		, ,	
Metal Panel	5%		LIFE	* *	5	\$500	
Plaster	35% No	w \$17,900	LIFE	* *	5	\$1,700	
	O	bling, Extent : Severe, A Floor Throughout	rea Affec	eted : 50%			

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•					
Service Equipment						
Molded Case Bkrs	100%	2023	\$4,800	5	\$100	
	Other Observation, Extent : Moder	ate, Area Affed	cted : 100%			
	Location: Basement					
	Explanation: 200 Amperes					
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2022	\$38,500	5	\$100	
Wiring						
Thermoplastic	100%	2023	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Modera	ate, Area Affed	cted : 100%			
	Location: Basement					
	Explanation: Water Main					

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 236

Asset #: 13127

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ghting						
Interior Lighting						
Fluorescent	100%	2023	\$12,900	10	\$4,400	
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: T-8 And T-12 Lamps					
Egress Lighting						
Exit, Service	50%	2023	\$300	1		
Exit, Battery	50%	2023	\$900	10	\$200	
Exterior Lighting						
HID	100%	2028	\$18,000	10		

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$4,700	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location : Basement					
	Explanation: 1 Natural Gas Fired	Steam Boiler	r			
Distribution	1000/	2022	Φ 5.5.2 00		# 400	
Central Plant Steam	100%	2023	\$75,300	4	\$400	
Piping/Pmp	Other Ohermanian Entered Links A	A CC4-1	. 1000/			
	Other Observation, Extent: Light, A Location: Basement	rea А <u></u> ∏ес≀еа	: 100%			
		ata Dinina An	. Oni sin al			
Terminal Devices	Explanation: Steam And Condense	ue Piping Ar	e Originai			
Convector/Radiator	100%	2028	\$23,800	1	\$1,500	
Convector/Radiator	Other Observation, Extent : Light, A			1	\$1,500	
	Location: Captain Office	rea rijjeerea	. 10/0			
	Explanation : New Radiators In Ca	antain Office				
Air Conditioning	2.4ptununun 11tun 1tuutuurun 11tuu	Train Office				
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2019	\$9,300	1		
Ventilation			·			
Exhaust Fans						
Roof	10%	2028	\$700	2		
Wall Unit	20%	2023	\$300	2		
No Component	70%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 236

Asset #: 13127

echanical		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
mbing								
Water Heater								
Gas Fired	100%			2021	\$2,700	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$1,900	LIFE	* *	1		
	Leak Evide	ent, Extent	: Moderate, Area A	Affected :	50%			
	Location	: North - H	East Corner Roof D	rain Pip	e, Probable Crack	ed Roof I	Drain Piping	
Sump Pump(s)								
Submersible	100%	0-2	\$200	2019	\$200	4	\$100	
	Malfunctio	ning, Exte	nt : Moderate, Ared	a Affecte	d : 100%			
	Location	: Basemen	t, Defective Subme	rsible Pı	<i>ı</i> тр			
Backflow Preventer								
No Component	90%							
Generic	10%			2028	\$100	1		
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Basemen	nt -					
	Explanat	ion : Serve	s Boiler Only					
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 237

Address : 43 MORGAN AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.237 / 13128 Yr Built/Renovated : 1894 /

Area Sq Ft : 5,810 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3102 Lot : 23 BIN : 3071494

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$80,300
Interior Architecture		\$48,900
Electrical	\$38,500	\$48,800
Mechanical		\$91,900
Total	\$38,500	\$269,900
Importance Code A		\$80,300
Importance Code B	\$38,500	\$140,700
Importance Code C		\$48,900
Total	\$38,500	\$269,900

Total	\$162,000	\$1,000	\$38,600	\$1,100
Importance Code C	\$37,400			
Importance Code B	\$104,700	\$400	\$38,100	\$500
Importance Code A	\$19,900	\$600	\$600	\$600
Total	\$162,000	\$1,000	\$38,600	\$1,100
Mechanical	\$24,900	\$800	\$33,200	\$800
Electrical	\$31,400		\$4,800	\$100
Interior Architecture	\$86,400	\$200	\$600	\$200
Exterior Architecture	\$19,400			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 237

Asset #: 13128

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	77%			LIFE	* *	5	\$19,600	
		urfaces, Ex : South Fo	tent : Moderate, Ar ucade	ea Affec	ted : 25%			
Masonry: Granite	3%			LIFE	* *	5	\$600	
Masonry: Limestone	10%			LIFE	* *	5	\$1,900	
Wood Overhead Doors	10%			2028	\$80,300	5	\$12,700	
Windows								
Aluminum	100%			2039	* *	5	\$1,300	
Parapets								
Masonry: Brick		Now	\$6,900	LIFE	* *	5	\$1,200	
	Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		: Interior	Face					
Masonry: Limestone	10%			LIFE	* *	5	\$200	
Masonry: Sandstone	5%			LIFE	* *	5	\$100	
Metal Panel	5%			2033	* *	5	\$300	
Roof								
Built-Up (BUR)	5%			2023	\$1,600	10	\$400	
Modified Bitumen	80%	Now	\$6,500	2023	\$32,600			
	Water Penetration, Extent : Moderate, Area Affected : 10% Location : Second Floor Office							
Roll Roofing	15%			2019	\$4,300	5	\$1,800	
Interior								
Floors								
Carpet	5%			2019	\$5,500	3	\$900	
Cast in Place Concrete	42%			LIFE	* *	5	\$7,900	
			Extent : Moderate, A	Area Affe	ected : 100%			
			us Floor Slab	<i>a</i> .				
			Columns And Bear					
Ceramic Tile		Now	\$3,300	2026	\$16,700	5	\$400	
		issing Elem : 2nd Floo	nents, Extent : Mod or Toilet	erate, Ar	ea Affected : 20%			
Vinyl Tile	18%			2023	\$13,200	3	\$600	
Wood	25%			2038	**	5	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 237

Asset #: 13128

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls	4 -0 /		40.000	• • • •		_	4000	
Ceramic Tile		Now	\$9,800	2026	\$48,900	5	\$900	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 15%							
	Location: Apparatus Floor Crashing Commission Futent: Moderate Area Affected: 25%							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Apparatus Floor							
Masonry: Brick		Now	\$27,600	LIFE	* *			
Masoniy. Bitck			: Severe, Area Aff		0%			
		: Basemer						
	Spalling, E	Extent : Sev	ere, Area Affected	: 20%				
	Location	: Basemer	nt					
Plaster	40%			LIFE	* *	5	\$1,400	
Wood	15%			LIFE	* *	5	\$7,100	
Ceilings								
AcousTileSusp.Lay-In	15%			2036	* *	5	\$1,300	
Embossed Metal		Now	\$15,900	LIFE	**	5	\$1,400	
	Bent/Warped Elements, Extent : Moderate, Area Affected : 25% Location : Apparatus Floor							
	Broken/Missing Elements, Extent: Moderate, Area Affected: 20%							
		: Apparati		cruic, m	ca Tyjecica . 2070			
			: Moderate, Area	Affected	: 50%			
		: Apparati		33				
Masonry: Infill Arch	25%	Now	\$23,600	LIFE	* *			
3	Cracking/Crumbling, Extent: Severe, Area Affected: 25%							
	Location: Throughout Basement							
	Other Observation, Extent : Severe, Area Affected : 25%							
		: Basemer						
		ion : Corre	oded Steel Beams					
Metal Panel	5%			LIFE	* *	5	\$500	
Plaster		Now	\$500	LIFE	* *	5	\$1,100	
	Water Penetration, Extent: Severe, Area Affected: 100%							
	Location	: 3rd Floo	er At Pipe And At W	/indows				

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Other Observation, Extent: Moderate, A	Area Affe	ected : 100%			
	Location: Basement					
	Explanation : Main Service Switch Ra	ted @ 20	00 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$48,800	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 237

Asset #: 13128

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	100%	:	2023	\$31,300	1		
Panelboards							
Molded Case Bkrs	100%		2022	\$38,500	5	\$200	
Wiring							
Thermoplastic	100%		2033	* *	1		
Ground Grounding Devices							
Metal Water Pipe	100% Now	\$9,500	2043	* *	5	\$100	
	Other Observation, E			cted : 100%		4	
		t Near Water Service	00				
	Explanation : Main	Ground Has Been D	isconn	ected Due To A W	ater Serv	ice Change.	
Lighting	•					<u> </u>	
Interior Lighting							
Fluorescent	90%		2031	* *	10	\$4,800	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Through	out The Building					
	Explanation: T-8 L	amps					
HID	10%		2031	* *	10		
Exterior Lighting							
HID	100%		2019	\$21,900	10		

Mechanical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$5,800	
	Other Observation, Extent : Ligh	t, Area Affected : 1	100%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2023	\$91,900	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2021	\$29,100	1	\$1,900	
Air Conditioning			-		·	
Energy Source						
Electricity	100%	2031	* *	1		
Conversion Equipment						
Window/Wall Unit	60%	2019	\$6,800	1		
No Component	40%					
Vantilation						

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 237

Asset #: 13128

echanical	Current Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation						
Exhaust Fans						
Roof	20%	2019	\$1,800	2		
No Component	80%					
ımbing						
H/C Water Piping						
Brass/Copper	70% Now	\$2,800 2023	\$28,300	1		
	Corroded, Extent : Severe, Ar	ea Affected : 30%				
	Location: Basement					
Galvanized Steel	30% Now	\$7,200 2043	* *	1		
	Corroded, Extent : Severe, Ar	ea Affected : 70%				
	Location: Basement					
Water Heater						
Gas Fired	100%	2021	\$3,300	2	\$100	
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units - 74 C	Gallon Each				
Sanitary Piping						
Cast Iron	100% Now	\$4,000 LIFE	* *	1		
	Corroded, Extent : Severe, Ar	ea Affected : 30%				
	Location : Basement					
Storm Drain Piping						
Cast Iron	100% Now	\$1,100 LIFE	* *	1		
	Corroded, Extent : Severe, Ar	ea Affected : 30%				
	Location: Basement					
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 238/LADDER CO. 106

Address : 205 GREENPOINT AVENUE @ MCGUINNESS BLVD.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.238 / 13129 Yr Built/Renovated : 1972 /

Area Sq Ft : 10,262 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2560 Lot : 50 BIN : 3064786

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture Electrical	\$100,800	\$87,800 \$87,300
Total	\$100,800	\$175,000
Importance Code A	\$100,800	\$87,800
Importance Code B		\$87,300
Total	\$100,800	\$175,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,100			\$4,500
Interior Architecture	\$58,000	\$2,200		\$400
Electrical	\$700	\$2,400	\$800	\$7,700
Mechanical	\$1,200	\$1,600	\$5,000	\$1,900
Total	\$79,900	\$6,200	\$5,800	\$14,500
Importance Code A	\$20,600	\$500	\$500	\$5,200
Importance Code B	\$52,700	\$4,700	\$5,300	\$9,400
Importance Code C	\$6,700	\$1,100		
Total	\$79,900	\$6,200	\$5,800	\$14,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13129

Architecture		Current	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	100/			LIDE	* *	-	Ф1 2 2 00	
Cast in Place Concrete	10% 85%			LIFE LIFE	* *	5	\$12,200	
Masonry: Brick Cavity Wood Overhead Doors	83% 5%			2032	* *	5 5	\$20,800 \$6,100	
Windows	370			2032			\$0,100	
Aluminum	Location Misaligne	: Through d/Bulging,	Extent : Severe, Ar			5	\$1,200	2
			or Windows		700/			
	_		ent : Severe, Area A		10%			
Parapets	Locuitor	. various	Locations Through	ош				
Cast in Place Concrete	_	Deteriorate	\$2,500 ed, Extent : Moderc s Throughout	LIFE ute, Area	* * Affected : 20%	5	\$8,200	
Cast Stone/Terra Cotta	5%	. 111 001111.	, 11110118110111	LIFE	* *	5	\$1,000	
Masonry: Brick	50%			LIFE	* *	5	\$1,300	
Metal Rail	5%			2032	* *	5-10	\$2,400	
No Component	10%						4-,	
Roof								
Modified Bitumen	Location Blisters, E Location Ridging, H Location Water Pen	ng, Extent . : Through Extent : Mod : Main Ro Extent : Mo : Through extration, E	\$17,600 Moderate, Area A Jout Both Roofs derate, Area Affect Joof derate, Area Affect Jout Both Roofs Extent: Moderate, A	ed : 20% ed : 15% Area Affe	6 9ccted : 15%			
Interior								
Floors Cast in Place Concrete	Location Worn/Ero	57% 0-2 \$9,100 LIFE ** 5 \$19,200 Water Penetration, Extent: Moderate, Area Affected: 15% Location: Through Slab In Basement Tank Room Worn/Eroded, Extent: Moderate, Area Affected: 20% Location: Basement Slab Throughout						
Ceramic Tile	15%			2040	* *	5	\$2,300	
	Location		Extent : Light, Area or Bath And Locker					
Terrazzo	8%			LIFE	* *	5	\$1,000	
Vinyl Tile	Location	: 2nd Floo	\$5,200 nents, Extent: Mod or And Basement t: Moderate, Area			3	\$1,200	
			or And Basement	JJ - Treet				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13129

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete		Now	\$6,700	LIFE	* *			
		Water Penetration, Extent : Moderate, Area Affected : 20% Location : Various Locations Throughout Basement						
Ceramic Tile	10%			2040	* *	5	\$2,100	
	Recent Replace Evident, Extent : Light, Area Affected : 90% Location : 2nd Floor Bath And Locker Rooms							
Concrete Masonry Unit	15%			LIFE	* *	5	\$1,300	
Gypsum Board	5%			LIFE	* *	5	\$600	
Plaster	30%			LIFE	* *	5	\$1,900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	35%	0-2	\$8,700	2044	* *	5	\$3,400	
		ssing Elem : 2nd Floo	ents, Extent : Mode r	erate, Ar	ea Affected : 30%			
Exposed Concrete	45%	Now	\$22,200	LIFE	* *	5	\$1,100	
-	Loose/Dela	ım Surface	, Extent : Severe, A	rea Affe	cted : 15%			
	Location	: Connecti	ng Soffit Between I	Kitchen A	And Apparatus Roo	om		
Metal Panel	10%	4+	\$5,100	LIFE	* *	5	\$1,900	
	Deformed/I	Dented, Ex	tent : Moderate, A	rea Affec	rted : 30%			
	Location : Throughout Kitchen							
Plaster	10%	Now	\$1,000	LIFE	* *	5	\$1,000	
	Water Penetration, Extent : Severe, Area Affected : 5%							
	Location	: Gymnasi	um Ceiling - From	Roof Pe	netrations Above			

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$300	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation: Main Service Disconne	ct Switch	Rated @ 400 Amp	eres		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$48,800	5	\$300	
Raceway						
Conduit	100%	2027	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2026	\$38,500	5	\$300	
Wiring						
Thermoplastic	100%	2027	\$27,700	1		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13129

Electrical	Current Repair	Future Repl	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Control (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Not Accessible	100%							
	Other Observation, Extent: Light, A	Area Affected : 0%						
	Location : Basement		0.6.6					
	Explanation : Connected To Meta Insulation	l Water Pipe. Point	Of Contact	Not Visil	ble Covered With			
Stand-by Power	Insulation							
Transfer Switches								
Automatic	100%	2040	* *	1	\$3,200			
Generators	10070	2010		-	Ψ3,200			
Diesel	100%	2036	* *	1	\$4,000			
210001	Other Observation, Extent : Modera		100%	-	Ψ.,σσσ			
	Location: Basement							
	Explanation: Emergency Generat	tor Rated @ 55 Kw						
Batteries								
Lead/Acid	100%	2020	\$1,500	5	\$400			
Fuel Storage								
Main Tank	100%	2042	* *	5	\$300			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Basement							
	Explanation: 275 Gallons Rated	Capacity						
Lighting								
Interior Lighting	70%	2022	* *	1.0	Φ.C. COO			
Fluorescent	70% T-8 Lamps And Fixtures, Extent: M	2032		10	\$6,600			
	Location: 1st Floor And Basemen		nea : 100%					
LED	<u> </u>		* *					
LED	30%	2035	* * *					
Egress Lighting	700/	2022	* *	1				
Emergency, Service	70%	2032	**	1				
Exit, LED	30%	2062	* *	1				
Exterior Lighting	200/	2027	¢7.700	10				
HID No Common and	20%	2027	\$7,700	10				
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2053	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$5,100	
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13129

Mechanical	Curren	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Convector/Radiator	90%		2040	* *	1	\$3,000	
Unit Heater - Steam	10%		2032	* *	4	\$100	
Air Conditioning							
Energy Source				de de			
Electricity	100%		2049	* *	1		
Conversion Equipment	200/		2025	# 4.000			
Window/Wall Unit	20%		2025	\$4,000	1		
Under Construction	80%						
Distribution	1000/		TIPE	* *		012 100	
Ductwork/Diffusers	100%		LIFE	* *	2	\$13,400	-
Terminal Devices	700/		2022	* *			
Air Handler/Dir	50%		2032	* *	1		
Expansion	700/						
No Component	50%						
Heat Rejection	700/		2022	* *	2	Ф2 (00	
Dry Cooler	50%		2032	* *	2	\$3,600	
No Component	50%						
Ventilation							
Distribution 1/D:ss	1000/		LIDE	* *	2.5	Φ.5. 700	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,700	
Exhaust Fans	700/		2022	* *	2	Φ200	
Interior	50%		2032	* *	2	\$200	
Roof	50%		2032	* *	2	\$200	
Plumbing							
H/C Water Piping	1000/		2052	* *	1		
Brass/Copper	100%		2053	* *	1		
Water Heater	1000/		2025	Φ.Σ. 0.0.0	2	Φ200	
Gas Fired	100%	T I . I . A	2025	\$5,900	2	\$200	
		Extent: Light, Area	ı Affected	: 100%			
	Location : Basem						
	Explanation: 2 -	75 Gallon Units					
Sanitary Piping	1000/		TIPE	ماد ماد			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/			ماد ماد			
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	1000/ 37	0100	2022	***	,	#	
Submersible	100% Now	\$100	2022	\$300	4	\$200	
		ent : Severe, Area A <u>f</u>	jected : 10	JU%			
	Location : Cellar						
Fixtures	1000/						
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 239
Address : 395 4th AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,600 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 993 Lot : 5 BIN : 3021578

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,100	\$300	\$6,700	
Interior Architecture	\$200	\$2,200	\$200	\$200
Electrical	\$1,900	\$600	\$5,000	\$300
Mechanical	\$700	\$500	\$1,100	\$3,100
Total	\$34,900	\$3,700	\$13,000	\$3,600
Importance Code A	\$32,300	\$600	\$6,900	\$200
Importance Code B	\$2,600	\$3,100	\$6,100	\$3,400
Importance Code C				
Total	\$34,900	\$3,700	\$13,000	\$3,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 239

Asset #: 13130

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick		Now	\$12,100	LIFE	* *	5	\$20,100	
			Extent : Light, Area	Affected	: 5%			
		: Through	out					
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Metal/Glass Curt Wall	10%		\$18,700	LIFE	* *	5	\$4,400	
			Extent : Light, Area	Affected	: 5%			
	Location	: Through	out					
Windows								
Aluminum	100%			2045	* *	5	\$700	
Parapets						_		
Masonry: Brick	90%			LIFE	* *	5	\$1,400	
Masonry: Limestone	10%			LIFE	* *	5	\$200	
Roof					di di			
Modified Bitumen	90%			2031	* *	10	\$6,700	
Plaza Roof: Stone Panels				2049	* *	4.0	44.400	
Skylight, Metal/Glass	5%			2049	* *	10	\$1,200	
Interior Floors								
Cast in Place Concrete	75%			LIFE	* *	5	\$13,200	
Ceramic Tile	5%			2036	* *	5	\$400	
Vinyl Tile	20%			2031	* *	3	\$800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	\$400	
Gypsum Board	70%			LIFE	* *	5	\$4,600	
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$2,200	
Ceilings								
AcousTileSusp.Lay-In	55%			2040	* *	5	\$4,400	
Embossed Metal	25%			LIFE	* *	5	\$900	
Exposed Struc: Steel	20%			LIFE	* *			

Electrical	Current Repair	Future Re	eplacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
Transformers						
Dry Type	100%	2040	* *	5		
	Other Observation, Extent: Moderate,	Area Affectea	l : 100%			
	Location: Basement					
	Explanation: One 30 Kva 208hv-208h	/120lv				
Raceway						
Conduit	100%	2049	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 239

Asset #: 13130

Electrical	Current Repair	Future Repla	acement	Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards	2007	20.45		_		
Fused Disc Sw	20%	2045	* *	5	#100	
Molded Case Bkrs	80%	2045	~ ~ ~	5	\$100	
Wiring Thermoplastic	100%	2049	* *	1		
Motor Controllers	10070	2049		1		
Locally Mounted	100%	2040	* *	5		
Ground	10070	2010				
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2040	* *	1	\$1,400	
Generators						
Diesel	100%	2036	* *	1	\$1,800	
	Other Observation, Extent: Mo	derate, Area Affected : I	100%			
	Location: Basement					
	Explanation : One 180 Kw					
Batteries			*	_		
Lead/Acid	100%	2019	\$1,500	5	\$200	
Fuel Storage	500/	2045	* *	-	0.400	
Day Tank	50%	2045		5	\$400	
	Other Observation, Extent : Mo Location : Basement - Genera		00%			
	Explanation: One 50 Gallons	tor Room				
M-: T1-	50%	2038	* *		\$100	
Main Tank	0ther Observation, Extent : Mo			5	\$100	
	Location: Basement	иетиге, Атей Ајјестей . Т	0070			
	Explanation: One 550 Gallon	c				
Lighting	Explanation . One 350 Gatton	,				
Interior Lighting						
Fluorescent	90%	2031	* *	10	\$3,800	
	Other Observation, Extent : Mo	derate, Area Affected : I	100%		. ,	
	Location: Throughout The Bu	ilding				
	Explanation: T-8 Lamps					
Fluorescent	10%	2031	* *	10	\$400	
	Other Observation, Extent : Mo	derate, Area Affected : I	100%			
	Location: Stairway					
	Explanation: T-5 Lamps					
Egress Lighting						
Emergency, Service	50%	2031	* *	1		
Exit, LED	50%	2058	* *	1		
Exterior Lighting						
Fluorescent	100%	2031	**	10	\$400	
	Other Observation, Extent : Mo	derate, Area Affected : I	00%			
	Location : Outside					
	Explanation: T-5 Lamps					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 239

Asset #: 13130

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Lightning Protection

Arresters/Cabling

Under Construction 100%

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source Natural Gas	100%	2049 **	1	
Conversion Equipment	10076	2049	1	
Furnace	50%	2031 **	1 \$1,100	
Turnace	Other Observation, Extent : Light, Area		1 \$1,100	
	Location: Roof	Ajjecieu . 10070		
	Explanation: 3 Roof Top Air Condition	mina Unite With Gas Fired	Furnaces	
H . W . D '1	·			
Hot Water Boiler	50%	2040	1 \$1,100	
	Other Observation, Extent : Light, Area	Affected: 100%		
	Location: Basement			
	Explanation: 1 Natural Gas Fired Ho	t Water Boiler		
Distribution				
Hot Wtr Piping/Pump	100%	2045 **	4 \$200	
Terminal Devices				
Air Handler	30%	2031 **	1 \$900	
	Other Observation, Extent : Light, Area	Affected: 100%		
	Location : Basement			
	Explanation : H And V Unit Serves Bo	iler And Emergency Gener	ator Engine Rooms	
Fan Coil Unit/Heat	20%	2031 **	1 \$300	
	Other Observation, Extent : Light, Area	Affected: 100%		
	Location : Apparatus Floor			
	Explanation : Unit Heaters Serve App	aratus Floor		
No Component	50%			
Air Conditioning				
Energy Source				
Electricity	100%	2045 **	1	
Conversion Equipment				
Ext Pkg Unit -	100%	2031 **	2 \$300	
Heating/Cooling			_	
Terminal Devices				
Fan Coil - 2 Pipe	20%	2031 **	1 \$300	
No Component	80%	= · · ·	1 4500	
Ventilation	0070			
Distribution				
Ductwork/Diffusers	100%	LIFE **	2-5 \$2,600	
Exhaust Fans	100/0	LIIL	Δ-3 φ2,000	
Roof	100%	2031 **	2 \$100	
K001	10070	2031	2 \$100	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 239

Asset #: 13130

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2022	\$2,600	2	\$100	
	Other Observation, Extent : Lig	ht, Area Affected : 1	100%			
	Location: Basement					
	Explanation: 2 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2031	* *	4	\$100	
	Other Observation, Extent : Lig	ht, Area Affected : 1	100%			
	Location: Basement					
	Explanation: 2 Units					
Backflow Preventer						
Generic	100%	2031	* *	1	\$300	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2049	**	1-2	\$1,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 24 /LADDER CO. 5 Address : 227 AVENUE OF THE AMERICAS

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.024 / 13018 Yr Built/Renovated : 1975 /

Area Sq Ft : 9,376 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 520 Lot : 37 BIN : 1080044

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$159,600
Interior Architecture	\$59,600	\$62,300
Electrical	\$96,500	
Mechanical		\$80,100
Total	\$156,100	\$302,000
Importance Code A		\$159,600
Importance Code B	\$156,100	\$142,500
Total	\$156,100	\$302,000

Total	\$103,500	\$2,300	\$18,100	\$3,200
Importance Code C			\$600	
Importance Code B	\$50,800	\$1,800	\$17,100	\$2,700
Importance Code A	\$52,700	\$500	\$500	\$500
Total	\$103,500	\$2,300	\$18,100	\$3,200
Mechanical	\$13,100	\$1,600	\$1,500	\$1,600
Electrical	\$7,600	\$700	\$15,200	\$800
Interior Architecture	\$30,600		\$1,400	\$900
Exterior Architecture	\$52,300			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13018

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	000/	4.	Ф22 200	LIDE	* *	-	#21 400	
Masonry: Brick	Location Jnt Mortan Location	: Front Fo Miss/Eroo : Front Fo	\$32,300 tent : Moderate, Av ucade On The Righ l, Extent : Moderat ucade Extent : Light, Area	t te, Area A	ted : 10% Affected : 10%	5	\$21,400	
	Location	: Ivy Grov	vth At Front And L	eft Facad	de			
Wood Overhead Doors	10%			2028	\$75,200	5	\$11,900	
Windows					•			
Aluminum	Air Infiltra	Now ution, Exter : Through	\$20,000 nt : Moderate, Arec out	2031 Affected	* * d : 50%	5	\$800	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	\$4,100	
Masonry: Brick	85%		nt, Extent : Light, A	LIFE	* *	5	\$3,000	
	Location Vegetation	: All Roof. Growth, I						
Roof Modified Bitumen	100%			2028	\$84,400	10	\$14,500	
terior	10070			2020	ψ0+,+00	10	\$14,500	
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$12,300	
Ceramic Tile	5%			2026	\$13,600	5	\$700	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	50%	2-4	\$11,900	2019	\$59,600	3	\$2,600	
	Location Worn/Eroc	: Through	: Light, Area Affec					
Interior Walls	2000000							
Ceramic Tile	5%			2026	\$31,300	5	\$1,100	
Concrete Masonry Unit				LIFE	**	5	\$2,700	
Plaster	10%			LIFE	* *	5	\$700	
Plywood/Hardboard	10%			LIFE	* *	J	Ψ, σσ	
SGFT/Glazed Masonry	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In		4+ ded, Extent : Through	\$18,700 : Light, Area Affec	2028 cted : 50	\$62,300	5	\$3,900	
F 10		. Inrough	Oui	TIPP	* *		Φ000	
Exposed Concrete	35%			LIFE	* *	5	\$800	
Gypsum Board	10%			LIFE	* *	5	\$1,800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13018

Electrical		Current Repai	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
		servation, Extent	_	Affected	: 100%			
		ı : Basement Ele						
	Explana	tion : Main Disc	onnect Switch .	300 Am	p			
Raceway								
Conduit	100%			2023	\$31,300	1		
Panelboards								
Molded Case Bkrs	80%			2022	\$30,800	5	\$200	
Molded Case Bkrs	20%			2039	* *	5	\$100	
Wiring								
Thermoplastic	100%			2023	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2021	\$14,400	5	\$100	
round								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
and-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	\$2,900	
		servation, Extent	_	Affected	: 100%			
		i : Basement Ele						
	Explana	tion : 200 Amper	res Automatic T	Transfei	· Switch			
Generators								
Diesel		Now	\$65,700	2038	* *	1	\$3,300	
		servation, Extent	: Severe, Area	Affecte	d : 100%			
		a : Lower Roof						
				art- Up	. Several Attempts	Have Fa	iled To Repair	
	Generat	or Start- Up Syst	tem.					
Batteries	1000/	3.T	#1.500	2010	¢1.700	-	#200	
Lead/Acid		Now	\$1,500	2019	\$1,500	5	\$200	
		servation, Extent						
		i : Inside Genera			=			
- 10:	Explana	tion : One Of Co	onductors Is No	t Conne	ected To Battery Te	erminal		
Fuel Storage	E0./			2045	* *	-	#100	
Day Tank	5%		7.1.4	2045		5	\$100	
		servation, Extent	_					
		_	-		rure, Lower Roof			
		tion : 50 Gallon	Sub- Base Bell					
Main Tank	95%			2051	* *	5	\$300	
		servation, Extent			: 100%			
		ı : Underground		_				
	Explana	tion : 1,000 Gali	lon Diesel Fuel	Tank				

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13018

Electrical	Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting							
Interior Lighting							
Fluorescent	90%		2028	\$22,900	10	\$7,700	
	T-8 Lamps And Fixtures		Area Aff	fected : 100%			
	Location: Throughout	t					
Fluorescent	5% Now	\$1,300	2033	* *			
	Not in Service, Extent:	Moderate, Area	Affected	: 100%			
	Location: Throughout	t					
	T-8 Lamps And Fixtures	s, Extent : Light,	Area Afj	fected : 100%			
	Location: Throughou	t					
Incandescent	5%		2019	\$3,000	2		
Egress Lighting							
Emergency, Service	50%		2028	\$2,300	1		
	Other Observation, Exte	ent : Light, Area	Affected	: 100%			
	Location: Throughout	t					
	Explanation: Emerge	ncy Lighting Pro	ovided Fr	om Emergency Ge	enerator		
No Component	50%						
Exterior Lighting							
HID	95%		2023	\$33,600	10		
	Other Observation, Exte	ent : Light, Area	Affected	: 100%			
	Location : Facade						
	Explanation: Control	led Via Photoce	!!				
Incandescent	5%		2023	\$1,500	2		
	Other Observation, Exte	ent : Light, Area	Affected	: 100%			
	Location: Yard						
	Explanation: Control	led Via Switch					

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment Hot Water Boiler	100%		2040	* *	1	\$4,600	
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$700	
Terminal Devices							
Convector/Radiator	80%		2028	\$37,500	1	\$2,400	
Unit Heater - Steam	20%		2023	\$6,300	4	\$300	
Air Conditioning							
Energy Source							
Electricity	100%		2031	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13018

Mechanical	Current Repair	Future Repla	acement	М	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning						
Conversion Equipment	600/	2020	Φ 42 (00	2	Ф200	
Exterior Pkg Unit - Cooling	60%	2028	\$42,600	2	\$300	
Cooling	Other Observation, Extent : La	ght. Area Affected : 100%	6			
	Location : Roof	g,				
	Explanation: 6 Split Units					
Window/Wall Unit	20%	2019	\$3,700	1		
No Component	20%					
Heat Rejection	***					
Dry Cooler	60%	2028	\$22,900	2	\$3,900	
	Other Observation, Extent : La Location : Roof	gnt, Area Affectea : 100%	<i>o</i>			
	Explanation : Split Units					
No Component	40%					
Ventilation	1070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,200	
Exhaust Fans						
Roof		\$2,900 2023	\$14,600	2	\$200	
	Unit Inoperable, Extent : Mod Location : Roof	еғате, Агеа Аffестеа : 20%	∕o			
lumbing	Location : Rooj					
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater						
Gas Fired	100%	2019	\$5,300	2	\$100	
	Other Observation, Extent : La Location : Basement	ght, Area Affected : 100%	<i>o</i>			
	Explanation: 2 - 75 Gallon	Units				
Sanitary Piping	Explanation . 2 73 Gatton	Ontio				
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2023	\$1,300	4	\$300	
	Other Observation, Extent : La Location : Basement	дпі, Агеа Апесіва : 100%	o			
	Explanation : Duplex Unit					
Backflow Preventer	2. postanion : Dupies Oilli					
No Component	95%					
Generic	5%	2028	\$100	1		
	Other Observation, Extent : Li	ght, Area Affected : 100%	6			
	Location: Basement					
	Explanation : Serves Boiler	Only				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 24 /LADDER CO. 5

Asset #: 13018

Mechanical	Cui	rrent Repair	Futu	re Replacement	М	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Plumbing

Fixtures

Generic 100%

Leaking Faucets/Valves/Heads, Extent: Moderate, Area Affected: 10%

Location: Bathrooms

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 240

Address : 1307 PROSPECT AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 5,090 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5285 Lot : 21 BIN : 3122838

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$37,000	\$99,800
Electrical	\$19,200	
Total	\$56,300	\$99,800
Importance Code A	\$37,000	\$99,800
Importance Code B	\$19,200	
Total	\$56,300	\$99,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$5,800			
Interior Architecture	\$41,000		\$300	\$600
Electrical	\$35,000	\$400	\$500	\$400
Mechanical	\$9,600	\$700	\$39,800	\$700
Total	\$91,500	\$1,000	\$40,500	\$1,700
Importance Code A	\$6,300	\$500	\$500	\$500
Importance Code B	\$83,900	\$500	\$40,000	\$1,200
Importance Code C	\$1,200			
Total	\$91,500	\$1,000	\$40,500	\$1,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 240

Asset #: 13131

Architecture	Current Repair		Future	e Replacement	M	aintenance		
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
xterior								
Exterior Walls								
Masonry: Brick	70% Now	\$37,000	LIFE	**	5	\$12,300		
	Horizontal Cracks, Exte		Area Affe	cted : 5%				
	Location : North Faca			cc . 1 200/				
	Jnt Mortar Miss/Erod, I		te, Area A	Affected: 20%				
	Location : East Facad	e						
Masonry: Limestone	20%		LIFE	* *	5	\$2,600		
Wood Overhead Doors	10%		2028	\$55,500	5	\$8,800		
Windows				de de	_			
Aluminum	100% Now	\$5,800	2045	**	5	\$700		
	Recent Replace Evident	_	Area Affe	ected : 100%				
	Location: Throughout		A CC	. 1 100/				
	Water Penetration, Exte Location: Batallion 4		Area Affe	ctea : 10%				
Demonstra	Location . Batation 4	в Ојјісе						
Parapets Masonry: Brick	90%		LIFE	* *	5	\$2,100		
Masoniy. Brick	Recent Replace Evident	Extent · Light			3	\$2,100		
	Location: Throughout		111eu 11jje	cieu . 10070				
Manager I instant	5%	*	LIEE	* *		\$100		
Masonry: Limestone Pre-Cast Concrete	5% 5%		LIFE LIFE	* *	5 5	\$100 \$700		
Fie-Cast Concrete	Recent Replace Evident	Frient · Light			3	\$700		
	Location : Coping	Extern . Eigni,	11100111990	. 10070				
Roof	1 0							
Modified Bitumen	98%		2028	\$44,300	10	\$7,600		
Skylight, Metal/Glass	2%		2033	**	10	\$500		
terior						•		
Floors								
Cast in Place Concrete	45%		LIFE	* *	5	\$7,500		
Ceramic Tile	5%		2032	* *	5	\$400		
Quarry Tile	5%		2036	* *	5	\$600		
Vinyl Tile	45% Now	\$29,100	2033	* *	3	\$1,300		
	Cracking/Crumbling, E.		, Area Af	fected : 25%				
	Location : Locker Roo							
	Worn/Eroded, Extent: 1		Affected :	25%				
	Location: 2nd Floor,	Locker Room						
Interior Walls	100/		TIPE	ناب ملد				
Masonry: Brick	10%	#1 200	LIFE	* *	_	0.500		
Plaster	20% Now	\$1,200	LIFE		5	\$500		
	Cracking/Crumbling, E.		, Area Af	jectea : 15%				
	Location: Batallion 4		1 mag A CC	ata d . 100/				
	Water Penetration, Exte		area Affeo	viea : 10%				
DI.	Location : Batallion 4	υ		ale of		44 (0.		
Plaster	70%		LIFE	* *	5	\$1,600		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 240

Asset #: 13131

Architecture		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	40%			2028	\$24,600	5	\$3,000	
Embossed Metal	40%	Now	\$10,700	LIFE	* *	5	\$1,400	
	Bent/Warp	ed Element:	s, Extent : Moder <mark>o</mark>	ate, Area	Affected: 20%			
	Location	: Apparatus	s Floor					
	Paint Peel	ing, Extent .	Moderate, Area	Affected	: 25%			
	Location	: Apparatus	s Floor					
Exposed Concrete	20%			LIFE	* *	5	\$200	

Electrical	Current Repair		Futur	e Replacement	M						
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
nder 600 Volts											
Service Equipment											
Fused Disc Sw	100%			2033	* *	5					
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Basement										
~	Explana	tion : Main	Service Switch Ra	ted @ 20	00 Amperes						
Switchgear / Switchboard	1000/			2022	* *	-	0100				
Molded Case Bkrs	100%			2033	* *	5	\$100				
Raceway	1000/			2022	* *	1					
Conduit	100%			2033		1					
Panelboards Molded Case Bkrs	50%			2022	¢10.200	_	\$100				
Molded Case Bkrs Molded Case Bkrs	50% 50%			2022	\$19,200 * *	5 5	\$100 \$100				
	30%			2031		3	\$100				
Wiring Thermoplastic	100%			2033	* *	1					
round	10070			2033		1					
Grounding Devices											
Generic Generic	100%			LIFE	* *	5	\$100				
tand-by Power	10070			LII E			Ψ100				
Transfer Switches											
Automatic	100%			2036	* *	1	\$1,600				
Generators											
Diesel	100%			2032	* *	1	\$2,000				
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%						
	Location: Outside										
	Explana	tion : Diese	l Generator Rated	@ 60 K1	w						
Batteries											
Lead/Acid	100%			2019	\$1,500	5	\$200				
Fuel Storage											
Main Tank	100%			2051	* *	5	\$200				
			xtent : Moderate, 1	Area Affe	ected : 100%						
		: Outside									
	Explana	tion : No A	vailable Capacity I	Ratings							

All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Note:Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 240

Asset #: 13131

Electrical	Current Repair	Futur	e Replacement	M					
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Interior Lighting									
Fluorescent	75%	2019	\$10,300	10	\$3,500				
	Other Observation, Extent : Moderat	e, Area Affe	ected : 100%						
	Location: Basement, 1st Floor								
	Explanation: T-12 Lamps								
Fluorescent	25%	2023	\$3,400	10	\$1,200				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : 2nd Floor								
	Explanation: T-8 Lamps								
Egress Lighting									
Emergency, Service	100%	2023	\$2,500	1					
Exterior Lighting									
HID	100%	2019	\$19,200	10					

Current Repair			Futur	e Replacement	М			
% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
100%			2043	* *	1			
100%			2036	* *	1	\$5,000		
Other Observation, Extent: Light, Area Affected: 100%								
Location	: Basement							
Explanat	ion : 1 Unit							
100%			2033	* *	4	\$300		
100%			2021	\$25,500	1	\$1,600		
100%			2031	* *	1			
60%			2019	\$6,000	1			
40%								
30%			LIFE	* *	2-5	\$900		
70%								
10%			2028	\$800	2			
20%	Now	\$1,600	2033	* *	2			
Unit Inope	rable, Extent : S	evere, Area A	Affected :	20%				
Location	: 2 Old Units, R	oof						
70%								
	100% 100% 100% Other Obset Location Explanate 100% 100% 100% 30% 70% 10% Unit Inope Location	% of Fail Date Estin Total (Years) 100% 100% Other Observation, Extent Location: Basement Explanation: 1 Unit 100% 100% 100% 40% 30% 70% 10% 20% Now Unit Inoperable, Extent: S Location: 2 Old Units, R	% of Fail Date Estimated Cost Total (Years) 100% 100% Other Observation, Extent: Light, Area Location: Basement Explanation: 1 Unit 100% 100% 100% 100% 40% 10% 20% Now \$1,600 Unit Inoperable, Extent: Severe, Area a Location: 2 Old Units, Roof	% of Fail Date Estimated Cost Total (Years) Year FY	Nof Fail Date Estimated Cost Year Estimated Cost FY	No of Total Fail Date Estimated Cost Year Estimated Cost Cycle FY	No of Fail Date Estimated Cost (Years) Year FY Estimated Cost (Yrs)	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 240

Asset #: 13131

echanical		Current	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
mbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Galvanized Steel	50%	Now	\$1,000	2021	\$10,400	1		
	Corroded,	Extent: S	evere, Area Affecte	d: 20%				
	Location	: Basemer	ıt					
Water Heater								
Gas Fired	100%			2021	\$2,900	2	\$100	
	Other Obs	ervation, I	Extent : Light, Area	Affected	: 100%			
	Location	: Basemer	ıt					
	Explana	tion : 2 Un	its					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	\$200	2019	\$200	4	\$100	
	On Extend	led Life, Ex	ctent : Severe, Area	Affected	: 100%			
	Location	: Basemer	ıt					
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 241 Address : 6630 THIRD AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.241 / 13132 Yr Built/Renovated : 1970 /

Area Sq Ft : 8,575 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5841 Lot : 40 BIN : 3144349

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$76,100	\$151,000
Interior Architecture	\$38,100	
Mechanical	\$115,600	
Total	\$229,900	\$151,000
Importance Code A	\$131,800	\$151,000
Importance Code B	\$98,100	
Total	\$229,900	\$151,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,900		\$2,200	
Interior Architecture	\$58,400			\$600
Electrical	\$18,700		\$100	
Mechanical	\$15,900	\$700	\$5,900	\$600
Total	\$124,900	\$800	\$8,200	\$1,200
Importance Code A	\$31,900	\$400	\$2,600	\$400
Importance Code B	\$71,600	\$300	\$5,600	\$800
Importance Code C	\$21,400			
Total	\$124,900	\$800	\$8,200	\$1,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 241

Asset #: 13132

Architecture	Current Repair			Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	Location	/Rusting, E : Entrance				5	\$13,800	
	_	Cracks, Ex : Through	tent : Moderate, Ai out	ea Affec	ted : 5%			
Stucco Cement	10%			2036	* *	5	\$4,300	
Wood Overhead Doors	10%			2028	\$54,700	5	\$8,700	
Windows								
Aluminum	100%	Now	\$76,100	2048	* *	5	\$900	
Parapets								
Metal Rail		issing Elem	\$1,400 ents, Extent : Seve d Guardrail Facin;			5	\$18,700	
Roof	Bocanon	. Bettiertet	a Guararan I acing	5 17117 (4 7	ivenue			
Modified Bitumen	Blisters, E	Now Extent : Mod a : Roof Dro	\$9,600 derate, Area Affecta ains	2028 ed : 5%	\$96,400			
	Location Other Obs Location	: Through ervation, E : Pitch Po	Extent : Moderate, 1	Area Affe	ected : 50%			
terior								
Floors								
Cast in Place Concrete	Location Horizonta Location Spalling, I	Crumbling, 1: Stair Tre l Cracks, E 1: Apparati	derate, Area Affec us Floor	Boiler F Area Affe ted : 5%	Room	5	\$14,000	
Ceramic Tile	_		\$1,200 Extent : Moderate rooms	2032 , Area A	* * ffected : 5%	5	\$600	
Terrazzo			\$1,500 Extent : Moderate	LIFE , Area Ą	* * ffected : 5%	5	\$500	
Vinyl Tile	Location Worn/Ero	issing Elem : 2nd Floc ded, Extent	\$11,400 vents, Extent : Mod or Hallway/ Dormi : Moderate, Area or Throughout	tory		3	\$1,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 241

Asset #: 13132

Architecture	Current Repair		Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	\$1,400	LIFE	**			
			xtent : Light, Area					
		• •	oundation Wall At					
Ceramic Tile	10%	2-4	\$6,200	2032	* *	5	\$1,100	
			Extent : Moderate	, Area Aj	ffected : 5%			
		: Bathrooi						
Concrete Masonry Unit	5%	2-4	\$500	LIFE	* *	5	\$500	
			tent : Moderate, Ar		ted : 2%			
		: Basemen	t At Boiler Room E					
Marble Panels	5%			LIFE	* *			
Plaster	35%	0-2	\$6,300	LIFE	* *	5	\$2,400	
	_		tent : Moderate, Ar					
			Locations At The 2		•			
			vere, Area Affected	: 5%				
		: Cellar Si		1.00	1 20/			
			xtent : Moderate, A					
			or Window At Third					
SGFT/Glazed Masonry	40%	4+	\$7,000	LIFE	**			
	_		tent : Moderate, Ar	ea Affec	ted : 2%			
0.11	Location	: Kitchen						
Ceilings	100/	2.4	¢1 200	2026	* *	_	\$900	
AcousTileSusp.Lay-In	10%	2-4	\$1,300 nents, Extent : Mod	2036		5	\$800	
		_	aenis, Extent . Mod And Watch Room	eraie, Ar	eu Ajjecieu . 1070			
F1 C		4+		LIEE	* *	-	¢1 400	
Exposed Concrete	55% Water Ban	• •	\$14,400	LIFE		5	\$1,400	
	Water Penetration, Extent: Light, Area Affected: 5% Location: 2nd Floor Ceiling							
				LIDE	* *	-	#1 000	
Gypsum Board	5%	2-4	\$400	LIFE		5	\$1,000	
			xtent : Light, Area or Bathroom	Ајјестеа	. 270			
		: 2na F 100	or bathroom		a. a.		00.100	
Plaster	30%			LIFE	* *	5	\$3,100	

Electrical	Current Repair	Futu	re Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts		•				
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Other Observation, Extent : Light, Area	Affected	d : 100%			
	Location: Basement Electrical Room					
	Explanation: Rating Not Visible					
Raceway						
Conduit	100%	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 241

Asset #: 13132

Electrical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	20% 4+ \$2,300		**	5		
	Covers Missing, Extent: Moderate, A	Area Affected : I	10%			
	Location : Basement		di di			
Molded Case Bkrs	80%	2031	* *	5	\$200	
Wiring	1000/	2022	* *	1		
Thermoplastic Motor Controllers	100%	2033		1		
Locally Mounted	100%	2028	\$14,400	5	\$100	
Locally Mounted	Other Observation, Extent : Light, Ar			3	\$100	
	Location: 1st Floor	cu i i j j cereta i i i				
	Explanation: Motor Controller For	r 1 Overhead De	oor			
Ground	•					
Grounding Devices						
Generic	100% 4+ \$9,500		* *	5	\$100	
	Other Observation, Extent : Moderat	e, Area Affected	l : 100%			
	Location: Basement					
	Explanation: Corrosion Present					
Lighting						
Interior Lighting Fluorescent	80%	2023	\$18,600	10	\$6,300	
Fluorescent	T-8 Lamps And Fixtures, Extent : Lig			10	\$0,300	
	Location: Throughout	,nı, mrea myeete	u . 100/0			
Fluorescent	15%	2023	\$3,500	10	\$1,200	
Tuorescent	T-12 Lamps And Fixtures, Extent : Li			10	\$1,200	
	Location: 2nd Floor	.8, 11. 00. 12,500.	. 100,0			
Incandescent	5%	2023	\$2,700	2		
Exterior Lighting	370	2023	\$2,700			
HID	95% 4+ \$6,100	0 2023	\$30,700			
	Sensor/Timer Malfunction, Extent : M.					
	Location : Exterior					
Incandescent	5% 4+ \$700	0 2023	\$1,400	2		
	Outdr Lights On During Daytime, Ex			d: 100%		
	Location: Exterior					
Alarm						
Fire/Smoke Detection						
No Component	95%					
Generic	5%	2023	\$4,400	1-3	\$300	
	Local/Battery Operated Detect, Exter	nt : Light, Area	Affected: 1009	%		
	Location : 2nd Floor					

Mechanical	Cı	urrent Repair	Futu	e Replacement	M	aintenance	
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 241

Asset #: 13132

Mechanical		Current I	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	500/			20.40	* *			
Natural Gas	50%	E M	I - I A A CC -	2049		1		
	Location		loderate, Area Affe	ctea : 10	10%			
Natural Gas	50%			2043	* *	1		
Conversion Equipment								
Furnace	10%			2028	\$1,900	1	\$400	
			Extent : Light, Area	Affected	l : 10%			
		: 1st Floo	=					
		ion : Gas I	Fireplace					
Hot Water Boiler	90%		\$55,600	2043	* *	1	\$3,400	
			: Moderate, Area A	Affected .	: 100%			
	Location	: Cellar						
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$600	
Terminal Devices								
Convector/Radiator	70%			2036	* *	1	\$1,900	
Unit Heater - Steam	30%			2028	\$8,600	4	\$400	
Air Conditioning								
Energy Source	4000/			• • • •	at at			
Electricity	100%			2045	* *	1		
Conversion Equipment	• • • • •			• • • • •			4100	
Interior Pkg Unit -	20%			2021	\$60,000	2	\$100	
Cooling	0.1 01		7 7 . 1 . 4	A CC	1 200/			
			Extent : Light, Area And 2nd Floor Bun		1:20%			
					d Dambus om Has V	Vator Co	alad	
		ion : Kitch	en Has Air Cooiea		d Bunkroom Has W		otea.	
Window/Wall Unit	60%			2019	\$10,000	1		
No Component	20%							
Ventilation								
Distribution	500/			LIEE	* *	2.5	\$2,400	
Ductwork/Diffusers	50% 50%			LIFE		2-5	\$2,400	
No Component	30%							
Exhaust Fans Interior	30%			2023	\$8,600	2	\$100	
Roof	70%			2023	\$6,000 * *	2	\$100 \$200	
Plumbing	/070			2031			\$200	
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater	10070			2030		1		
Gas Fired	100%			2021	\$4,900	2	\$100	
Gas i nea		ervation F	Extent : Light, Area			2	Φ100	
	Location			- 2,,, 00,000	00 / 0			
			75 Gallon Heater					
Sanitary Piping	2							
Cast Iron	100%			LIFE	* *	1		
	100,0							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

ENGINE CO. 241

Asset #: 13132

echanical	Current I	Current Repair		Future Replacement		Maintenance	
rstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing							
Storm Drain Piping							
Cast Iron	70%		LIFE	* *	1		
Cast Iron	30% 0-2	\$5,000	LIFE	* *	1		
	Blockage /Clogged, E Location : Apparati Other Observation, E Location : Apparati Explanation : Block	us Floor Extent : Moderate, 1 us Floor	Area Affected	: 30%			
Sump Pump(s)							
Submersible	100%		2019	\$300	4	\$300	
Fixtures							
Generic	100%						
	Other Observation, E	Extent : Moderate, 1	Area Affected	: 100%			
	Location : Total Ho	ouse					
	Explanation: Obso	lete Walls					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 242 Address : 9219 FIFTH AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.242 / 13133 Yr Built/Renovated : 1895 /

Area Sq Ft : 4,800 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6109 Lot : 19 BIN : 3155323

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$82,700
Electrical	\$19,200	
Total	\$19,200	\$82,700
Importance Code A		\$82,700
Importance Code B	\$19,200	,
Total	\$19,200	\$82,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,500		\$700	\$1,100
Interior Architecture	\$45,900			\$600
Electrical				
Mechanical	\$700	\$400	\$12,500	\$400
Total	\$55,100	\$400	\$13,200	\$2,200
Importance Code A	\$8,700	\$200	\$900	\$1,400
Importance Code B	\$30,300	\$200	\$12,300	\$600
Importance Code C	\$16,100			\$200
Total	\$55,100	\$400	\$13,200	\$2,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 242

Asset #: 13133

Architecture		Current	Repair	Futu	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$13,100	
Masonry: Limestone	10%			LIFE	* *	5	\$1,300	
Wood Overhead Doors	15%			2028	\$82,700	5	\$13,100	
Windows								
Aluminum		Now	\$8,500	2039	* *	5	\$300	1
			ients, Extent : Seve	re, Area	Affected : 60%			
	Location	ı : Through	out					
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$1,200	
Metal Cornice	15%			2051	* *	10	\$700	
Roof								
Asphalt Shingle	80%			2032	* *	10	\$1,100	
Modified Bitumen	20%			2028	\$10,000	10	\$1,700	
nterior								
Floors			****			_		
Cast in Place Concrete		Now	\$14,900	LIFE	**	5	\$7,900	
	-	_	Extent : Severe, A	rea Affe	cted: 60%			
		: Through		A CC .	1 500/			
			Extent : Severe, Are	a Affecte	ed: 50%			
		: Apparat						
			turally Insufficient					
Ceramic Tile		Now	\$1,400	2032	* *	5	\$400	
	U	0.	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Through	out					
Vinyl Tile		Now	\$4,900	2023	\$24,400	3	\$1,100	
	Cracking/	Crumbling	Extent: Light, Are	ea Affect	ed : 10%			
	Location	: Through	out					
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$500	
Gypsum Board	15%			LIFE	* *	5	\$900	
Masonry: Brick		Now	\$5,800	LIFE	* *			
	Cracking/	Crumbling	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Through	out					
Plaster	65%	Now	\$10,300	LIFE	* *	5	\$1,900	
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 15%			
			e To Cellar From A	•				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 242

Asset #: 13133

Architecture		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type		'ail Date Estim (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$3,500	2036	* *	5	\$500	
	O	Bulging, Extent . 2nd Floor Bathi		Area Aff	ected : 30%			
	Worn/Erode	d, Extent : Light	, Area Affe	cted : 100)%			
	Location:	Kitchen	. 55					
Plaster	55%	Now	\$5,200	LIFE	* *	5	\$2,500	
	Cracking/Cr	umbling, Extent	: Light, Are	ea Affecte	ed : 10%			
	Location:	Throughout						
Wood	30%			LIFE	* *	5	\$18,900	

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Other Observation, Extent : Moderate	e, Area Affec	eted : 100%			
	Location: Basement					
	Explanation: 200 Amperes					
Raceway						
Conduit	20%	2033	**	1		
Conduit	80%	2023	\$25,000	1		
Panelboards						
Molded Case Bkrs	50%	2022	\$19,200	5	\$100	
Molded Case Bkrs	50%	2031	* *	5	\$100	
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5		
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Moderate	e, Area Affec	eted : 100%			
	Location: Basement					
	Explanation : Water Main					
ighting						
Interior Lighting						
Fluorescent	100%	2023	\$13,000	10	\$4,400	
	Other Observation, Extent : Moderate	e, Area Affec	eted : 100%			
	Location : Throughout					
	Explanation: T-8 Lamps					
Egress Lighting						
Exit, Service	50%	2023	\$300	1		
Exit, Battery	50%	2023	\$900	10	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 242

Asset #: 13133

Electrical	Current F	Repair Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority
Lighting					
Exterior Lighting					
HID	100%	2023	\$18,100	10	

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2028	\$34,600	1	\$2,400	
	Other Observation, Extent : I	ight, Area Affected	: 100%			
	Location: Basement					
	Explanation: 3 Natural Ga.	s Fired Sectional H	ot Water Boilers			
Distribution						
Hot Wtr Piping/Pump	100%	2031	* *	4	\$400	
Terminal Devices						
Convector/Radiator	100%	2028	\$24,000	1	\$1,600	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$9,400	1		
Ventilation						
Exhaust Fans						
Interior	100%	2028	\$16,000	2	\$100	
Plumbing						
H/C Water Piping						
Galvanized Steel	100%	2028	\$19,700	1		
Water Heater						
Gas Fired	100%	2021	\$2,700	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Fixtures					<u> </u>	
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 243/LADDER CO. 168

Address : 8653 18th AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 5,742 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6369 Lot : 24 BIN : 3166596

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$38,500	
Mechanical	\$41,400	
Total	\$79,900	
Importance Code A	\$41,400	
Importance Code B	\$38,500	
Total	\$79,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$1,800	
Interior Architecture	\$57,700	\$500	\$1,000	\$600
Electrical	\$2,000	\$400	\$400	\$500
Mechanical	\$8,500	\$500	\$3,800	\$500
Site Enclosure	\$17,900			
Site Pavements	\$4,300			
Total	\$90,400	\$1,400	\$6,900	\$1,600
Importance Code A		\$300	\$2,100	\$300
Importance Code B	\$58,500	\$1,100	\$4,300	\$1,300
Importance Code C	\$31,900		\$600	
Total	\$90,400	\$1,400	\$6,900	\$1,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13134

Architecture	Curr	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Alum/Vinyl Siding	10%		2043	* *	10	\$600	
Cast Stone/Terra Cotta	5%		LIFE	**	5	\$7,900	
	Recent Repair E Location : Thr	vident, Extent : Light, A oughout	Area Affe	cted : 66%			
Masonry: Brick	85%		LIFE	* *	5	\$17,300	
Windows							
Aluminum	100%		2048	* *	5	\$500	
	Recent Replace	Evident, Extent : Light,	Area Aff	ected : 100%			
	Location: Thre	oughout					
Parapets							
Cast Stone/Terra Cotta	40%		LIFE	* *	5	\$1,500	
Masonry: Brick	60%		LIFE	* *	5	\$300	
Roof							
Copper/Terne	5%		2051	* *	10	\$900	
Copper/Terne	5%		2051	* *	10	\$900	
Modified Bitumen	85%		2033	* *	10	\$6,000	
	Recent Replace Location : Thr	Evident, Extent : Light, oughout	Area Aff	ected : 100%			
Skylight, Metal/Glass	5%		2053	* *	10	\$1,200	
	Recent Replace Location : Thr	Evident, Extent : Light, oughout	Area Aff	ected : 100%		. ,	
nterior							
Floors							
Cast in Place Concrete	60% No	,	LIFE	* *	5	\$12,600	
	Cracking/Cruml Location : Thr	oling, Extent : Moderat oughout	e, Area A	ffected : 20%			
Ceramic Tile	5%		2032	* *	5	\$500	
Quarry Tile	5%		2036	* *	5	\$700	
Vinyl Tile	30% Nor Cracking/Crumb Location: Thre	oling, Extent : Severe, A	2023 rea Affec	\$24,400 cted: 60%	3	\$1,100	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13134

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Interior					
Interior Walls	50/ N \$2,200	2022 **	5	\$400	
Ceramic Tile	5% Now \$2,200 Cracking/Crumbling, Extent : Moderate	2032	5	\$400	
	Location: Throughout	e, med nyeeted . 3070			
Embossed Metal	10%	2051 **	10	\$600	
Masonry: Brick	10% Now \$6,300	LIFE **			
	Paint Peeling, Extent : Severe, Area Aj Location : Basement Stairwell	ffected : 70%			
	Spalling, Extent: Severe, Area Affected	d : 20%			
	Location: Basement Stairwell				
	Water Penetration, Extent: Severe, Ar Location: Basement Stairwell	ea Affected : 100%			
Plaster	50% Now \$1,300	LIFE **	5	\$2,400	
1 luster	Paint Peeling, Extent : Severe, Area Aj		J	Ψ2,100	
	Location : Weight Room	•			
	Water Penetration, Extent : Severe, Ar	ea Affected : 5%			
	Location : Weight Room				
SGFT/Glazed Masonry	25%	LIFE **			
Ceilings		and the state of t	_		
AcousTileSusp.Lay-In	10%	2040 **	5	\$900	
Cast in Place Concrete	30% Now \$12,300 Spalling, Extent: Severe, Area Affected	LIFE	5	\$900	
	Location: Throughout Basement	x . 100/0			
	Water Penetration, Extent : Severe, Ar	ea Affected : 60%			
	Location: Throughout Basement	30			
	Other Observation, Extent: Severe, Ar	rea Affected : 10%			
	Location: Throughout Basement				
	Explanation: Exposed Reinforcing				
Embossed Metal	40% Now \$13,300	LIFE **	5	\$1,700	
	Broken/Missing Elements, Extent: Lig Location: Throughout	ht, Area Affected : 30%			
Metal Panel	5% Now \$3,100	LIFE **	5	\$600	
	Cracking/Crumbling, Extent: Moderate Location: Throughout	te, Area Affected : 30%			
Plaster	15%	LIFE **	5	\$900	
Site Enclosure					
Fence/Gates					
Chain link	80% Now \$17,500	2053 **			
	Broken/Missing Elements, Extent: Sev Location: Throughout	ere, Area Affected : 50%			
	Corrosion/Rusting, Extent : Severe, Ar Location : Throughout	ea Affected : 100%			
Iron Picket	20% 4+ \$300	2058 **			
	Deteriorated Finish, Extent: Light, Ar Location: Throughout	ea Affected : 30%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13134

Architecture	Current Repai	r	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure							
Free Standing Walls							
Cast in Place Concrete	100%		2058	* *			
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100% Now	\$1,400	2036	* *			
	Cracking/Crumbling, Exter	nt : Severe, A	rea Affec	ted : 70%			
	Location : Near Gate						
	Tripping Hazard, Extent:	Severe, Area	Affected .	: 60%			
	Location : Near Gate						
Parking/Driveway							
Cast in Place Concrete	100% Now	\$2,800	2036	* *			
	Cracking/Crumbling, Exter	nt : Moderate	Area A <u>f</u>	fected : 30%			
	Location: Throughout						

Current Repair	Futur	Future Replacement		Maintenance		
% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
		* *	5			
Other Observation, Extent : N	Ioderate, Area Affe	cted : 100%				
Location: Basement Service	e Area					
Explanation: 200 Amperes	Safety Switch Being	g Used As A Servic	e Switch			
100%	2033	* *	1			
100%	2022	\$38,500	5	\$200		
100%	2033	* *	1			
100%	2028	\$14,400	5			
100%	LIFE	* *	5	\$100		
Other Observation, Extent: Moderate, Area Affected: 100%						
Location : Water Main						
Explanation : Main Water I	Pipe					
100%	2040	* *	1	\$1,800		
	. 55					
Explanation : Asco Type Sw	ritch					
	100% Other Observation, Extent: M. Location: Basement Service Explanation: 200 Amperes 100% 100% 100% 100% 100% Other Observation, Extent: M. Location: Water Main Explanation: Main Water F. 100% Other Observation, Extent: M. Location: Basement Service M. Location: Basement Se	% of Fail Date Estimated Cost Total (Years) 100% 2033 Other Observation, Extent: Moderate, Area Affel Location: Basement Service Area Explanation: 200 Amperes Safety Switch Being 100% 2033 100% 2022 100% 2033 100% 2028 LIFE Other Observation, Extent: Moderate, Area Affel Location: Water Main Explanation: Main Water Pipe	% of Total (Years) Year Estimated Cost FY	% of Total (Years) Year Estimated Cost (Yrs) Cycle (Yrs)	100% 2033 ** 5	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13134

Electrical	Current Repair	Future F	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Stand-by Power							
Generators							
Diesel	100%	2036	* *	1	\$2,200		
	Other Observation, Extent : Mod	lerate, Area Affecte	ed : 100%				
	Location : Outside Rear Yard						
	Explanation: Onan Cummins T	Type Generator					
Batteries							
Lead/Acid	100%	2019	\$1,500	5	\$200		
Fuel Storage							
Main Tank	100%	2058	* *	5	\$200		
	Other Observation, Extent : Mod	lerate, Area Affecte	ed : 100%				
	Location : Outside Rear Yard						
	Explanation : 60 Gallon Interg	rated Tank					
Lighting							
Interior Lighting							
Fluorescent	100%	2023	\$15,600	10	\$5,300		
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Throughout						
	Explanation: T-12 Fixtures In	Basement And Fir.	st Floor - T-8 Fi	xtures O	n Second Floor		
Exterior Lighting							
HID	100%	2023	\$21,600	10			

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2033	* *	1		
Conversion Equipment Hot Water Boiler	100% Malfunctio	0-2 \$41,40 oning, Extent : Moderate,		* * d : 100%	1	\$2,600	
	Location	Location : Basement, Unreliable Boiler Burner Operation					
	Other Observation, Extent: Light, Area Affected: 100%						
	Location	: Basement	55				
	Explanat	ion : 2 Natural Gas Firea	l Sectional H	ot Water Boilers			
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$400	
Terminal Devices							
Convector/Radiator	100%		2028	\$28,700	1	\$1,900	
Air Conditioning							
Energy Source							
Electricity	100%		2031	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	25%		2028	\$10,900	2	\$100	
Cooling							
Window/Wall Unit	50%		2019	\$5,600	1		
No Component	25%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13134

echanical	Current Rep	air	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ntilation							
Exhaust Fans							
Roof	60%		2023	\$5,300	2	\$100	
Wall Unit	40%		2023	\$800	2	\$100	
mbing							
H/C Water Piping							
Galvanized Steel	100%		2028	\$23,600	1		
	Other Observation, Exter		Affected	: 5%			
	Location : Incomiong V						
	Explanation : Obsolete	Material / Wate	r Servic	e From Street			
Water Heater							
Gas Fired	100%		2021	\$3,300	2	\$100	
Sanitary Piping							
Cast Iron	100% Now	*)	LIFE	* *	1		
	Blockage /Clogged, Exte		rea Affe	ected : 30%			
	Location: Second Floo	r Water Closet					
Storm Drain Piping							
Cast Iron	100% Now	\$600	LIFE	* *	1		
	Blockage /Clogged, Exte	nt : Moderate, A	rea Affe	ected : 100%			
	Location : Apparatus F	loor Drains					
Backflow Preventer							
No Component	95%						
Generic	5%		2031	* *	1		
	Other Observation, Exter	nt : Light, Area A	Affected	: 100%			
	Location: Basement						
	Explanation : Serves Bo	oiler Only					
Fixtures		-					
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/60TH PRECINCT

Address : 2929 WEST 8th STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 8,650 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7279 Lot : 290 BIN : 3196591

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$88,000	\$222,600
Interior Architecture		\$277,300
Electrical	\$38,500	
Mechanical		\$39,000
Total	\$126,500	\$538,900
Importance Code A	\$88,000	\$222,600
Importance Code B	\$38,500	\$234,600
Importance Code C		\$81,600
Total	\$126,500	\$538,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$43,600		\$7,800	
Interior Architecture	\$69,800		\$2,200	\$2,200
Electrical	\$17,200		\$14,400	\$100
Mechanical	\$15,600	\$600	\$13,800	\$500
Site Enclosure	\$16,000			
Total	\$162,200	\$600	\$38,100	\$2,800
Importance Code A	\$43,600		\$7,800	
Importance Code B	\$94,400	\$600	\$30,300	\$2,800
Importance Code C	\$24,200			
Total	\$162,200	\$600	\$38,100	\$2,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset #: 13135

rchitecture	Current Repair	Future Replace	ment	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
terior						
Exterior Walls Masonry: Brick	70% Now \$21,000 Efflorescence, Extent : Light, Area Affe Location : Rear Facade		**	5	\$34,900	
	Jnt Mortar Miss/Erod, Extent : Modero Location : Throughout	ite, Area Affected : 3	5%			
Metal Panel	10% Now \$3,600 Caulking Deteriorated, Extent: Moder Location: Front Facade	2043 ate, Area Affected : .	**	5	\$9,300	
Metal Sect. OHD	10%	2036	* *	5	\$15,600	
Pre-Cast Concrete	10% Now \$8,200	LIFE	* *	5	\$16,200	
	Caulking Deteriorated, Extent: Moder Location: Throughout	ate, Area Affected : 2	20%			
Windows						
Aluminum	90% Now \$45,800 Air Infiltration, Extent: Severe, Area A Location: Throughout Deteriorated Finish, Extent: Moderate Location: Throughout		**	5	\$2,700	
Steel	10% Now \$6,300 Air Infiltration, Extent: Moderate, Are Location: Throughout Deteriorated Finish, Extent: Moderate Location: Throughout	e, Area Affected : 55%		5	\$3,800	
	Glazing Broken/Cracked, Extent: Seve Location: At Entry Thermally Inefficient, Extent: Severe, A Location: Throughout					
Parapets Masonry: Brick	80% Now \$42,200	LIFE	* *	5	\$3,700	1
	Cracking/Crumbling, Extent: Severe, A Location: Throughout Jnt Mortar Miss/Erod, Extent: Severe,					
	Location: Throughout	<i>JJ</i>				
	Misaligned/Bulging, Extent : Severe, A Location : East Facade	rea Affected : 15%				
	Worn/Eroded, Extent : Severe, Area Af Location : Throughout	fected : 25%				
Metal Cornice	10% Other Observation, Extent: Light, Area Location: At Parapet Explanation: Metal Coping	2038 a Affected : 100%	* *	10	\$1,500	
Metal Rail	10%	2028 \$1	2,200	5-10	\$8,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset #: 13135

Architecture	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Day Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Roof Modified Bitumen		\$4,500 /Miss, Extent : Moder loor Rear- Downspout		\$222,600 Affected : 2%			
Interior							
Floors							
Cast in Place Concrete	50%	4.200	LIFE	* *	5	\$47,700	
Ceramic Tile	5% Now Broken/Missing E Location: Toile	lements, Extent : Mod	2032 lerate, Ar	* * ea Affected : 10%	5	\$1,100	
Terrazzo	5%		LIFE	* *	5	\$1,700	
Vinyl Tile	Location : 2nd F	lements, Extent : Mod Floor Throughout ent : Moderate, Area			3	\$6,500	
Interior Walls							
Ceramic Tile	_	\$8,200 lements, Extent : Mod ts And 2nd Floor Lock		\$81,600 ea Affected : 10%	5	\$1,500	
Plaster	-	Severe, Area Affected Ighout And At Windov		* *	5	\$8,900	
SGFT/Glazed Masonry	45%		LIFE	* *			
Ceilings							
AcousTileConcealSpLn	Broken/Missing E Location : Throu Staining/Discolor Location : Throu Water Penetration Location : Throu	lements, Extent : Mod ughout ing, Extent : Severe, A ughout n, Extent : Moderate, A ughout ent : Moderate, Area	rea Affec Area Affe	ted : 55% cted : 10%	5	\$10,800	
AcousTileSusp.Lay-In	10% Staining/Discolor Location : 2nd F	ing, Extent : Light, Ar Floor Office	2036 ea Affecte	* * ed : 3%	5	\$4,300	
Exposed Concrete	10%		LIFE	* *	5	\$700	
Plaster	40%		LIFE	* *	5	\$10,800	
Site Enclosure Fence/Gates Wood	100%		2019	\$16,000			
Site Pavements							
On-Site Walkways Cast in Place Concrete	100%		2036	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset #: 13135

Architecture	Current l	Repair Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority
Site Pavements Parking/Driveway					
Cast in Place Concrete	100%	2036	* *		

Electrical		Current I	Repair	Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
			Extent : Light, Area		!: 0%			
			epartment Baseme					
	Explana	tion : Elect	rical Service Enter	s Buildir	ig In The 60th Pred	cinct		
Raceway								
Conduit	100%			2023	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2022	\$38,500	5	\$200	
Wiring								
Braided Cloth		Now	\$5,500	2048	**	1		
		_	ent : Severe, Area A	Affected :	20%			
		: Basemen	nt					
Thermoplastic	80%			2023	\$22,200	1		
Motor Controllers								
Locally Mounted	100%			2021	\$14,400	5	\$100	
		ervation, E : Basemen	Extent : Light, Area nt	Affected	! : 100%			
	Explana	tion : Conti	rols For Heating S	ystem				
Ground								
Grounding Devices								
Not Accessible	100%							
			Extent : Light, Area		!: 0%			
			epartment Baseme					
	Explana	tion : Grou	nd Connection In A	Adjacent	Police Building			
Stand-by Power								
Transfer Switches	1000/							
Not Accessible	100%							
			Extent : Light, Area		<i>!: 0%</i>			
			epartment Baseme					
-	Explana	tion: Trans	sfer Switch Not Acc	essible T	Through Firehouse			
Generators Not Accessible	100%							
Batteries Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset #: 13135

lectrical	Current Repair	Future Replacement		laintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	Cycle (Yrs)	Estimated Cost	Priority
ghting					
Interior Lighting					
Fluorescent	20% Now \$4,700	2033	*		
	T-12 Lamps And Fixtures, Extent: Light	t, Area Affected : 100%			
	Location: Throughout	a Affantad . 1000/			
	Other Observation, Extent : Severe, Are Location : Throughout	a Affectea : 100%			
	Explanation : Burnt Out				
Fluorescent	70%	2023 \$16,40	0 10	\$5,600	
Fluorescent	T-8 Lamps And Fixtures, Extent: Light,		10	\$3,000	
	Location: Throughout	Thea Typecica : 10070			
Incandescent	10%	2019 \$5,50	00 2		
meandescent	Other Observation, Extent : Light, Area		70 2		
	Location: Stairs, Bunk Room 2nd Floo		or		
	Explanation: Downlights				
Egress Lighting					
Exit, Service	100%	2019 \$1,00	00 1		
	Other Observation, Extent : Light, Area	Affected: 100%			
	Location : Throughout				
	Explanation: Feed From Emergency	Generator In 60th Precii	ıct		
Exterior Lighting	500/ NI 0400	2022	*		
HID	50% Now \$400 Not in Service, Extent : Severe, Area Aff	2033	*		
	Location : Facade	ectea . 10070			
	Other Observation, Extent : Light, Area	Affected : 100%			
	Location : Facade	Tijjeetea . 10070			
	Explanation: Downlights, Controlled	Via Time Clock			
Incandescent	50%	2023 \$13,80	00 2		
moundocent	Other Observation, Extent : Light, Area	=0=0	· • •		
	Location : Side Yard				
	Explanation: Pendant Mounted, Cont.	rolled Via Time Clock			

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Building			
	Explanation: Supplied From Adjacent	t 60th Precinct		
Conversion Equipment				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Building			
	Explanation : Supplied From Adjacent	t 60th Precinct		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset #: 13135

Mechanical	Current Repair Future Replacement		e Replacement	M			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$600	
Terminal Devices	000/	,	2020	Ф20,000		Φ2.500	
Convector/Radiator	90%		2028	\$39,000	1	\$2,500	
Unit Heater - Steam	10%		2023	\$2,900	4	\$100	
Air Conditioning							
Energy Source Electricity	100%	,	2039	* *	1		
Conversion Equipment	10070		2039		1		
Window/Wall Unit	80%		2019	\$13,500	1		
window/ wan Omi	Other Observation, Ext				1		
	Location : Building	em : 21gm, 11rea 11,	jeerea	. 100/0			
	Explanation: Windov 60th Precinct	v Units Compensate	e For I	neffective Cooling	Provided	l From Adjacent	
No Component	20%						
Distribution	<u>-</u>						
Ductwork/Diffusers	100%	I	LIFE	* *	2	\$11,300	
entilation entilation						•	
Distribution							
Ductwork/Diffusers	100%	I	LIFE	* *	2-5	\$4,800	
Exhaust Fans							
Roof	50% Now	. ,	2023	\$6,700	2	\$100	
	Other Observation, Ext		ea Affe	cted : 20%			
	Location : Grill Hood						
	Explanation : Grill H	ood Fan Not Drawi	ing. Ba	throom Exhaust N	ot Worki	ng	
Wall Unit	50%	2	2023	\$1,400	2	\$100	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Electric	100%		2021	\$7,100	4	\$100	
	Other Observation, Ext	ent : Light, Area A <u>f</u>	fected	: 100%			
	Location: Basement						
	Explanation: 2 - 120	Gallon Units					
Sanitary Piping	1000/	-	TEE	* *	1		
Cast Iron	100%		LIFE	<i>ት</i> ች	1		
Storm Drain Piping	1000/	7	TEE	* *	1		
Cast Iron	100%		LIFE	Υ Υ	1		
Sump Pump(s)	1000/	,	2028	¢1 200	4	¢200	
Non-Submersible	100%		2028	\$1,200	4	\$300	
Fixtures Generic	100%						
ire Suppression	10070						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset #: 13135

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Chemical System Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent : Li		* ,		ψ., _ υυ	
	Location: Kitchen					
	Fynlanation · Serves Cooking	Ατρα				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 246/LADDER CO. 169
Address : 2732 EAST 11th STREET @ BLAKE CT.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 7,476 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8761 Lot : 38 BIN : 3246894

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$52,100	\$144,400
Interior Architecture	\$38,900	
Electrical	\$28,900	\$48,800
Total	\$119,900	\$193,200
Importance Code A	\$52,100	\$144,400
Importance Code B	\$67,800	\$48,800
Total	\$119 900	\$193,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,300			
Interior Architecture	\$27,200		\$400	\$600
Electrical	\$1,600		\$20,900	\$100
Mechanical	\$800	\$800	\$600	\$19,500
Total	\$36,900	\$800	\$22,000	\$20,200
Importance Code A	\$7,700	\$400	\$400	\$400
Importance Code B	\$27,900	\$400	\$21,600	\$19,800
Importance Code C	\$1,300			
Total	\$36,900	\$800	\$22,000	\$20,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13136

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2033	* *	10	\$300	
Masonry: Brick	70%			LIFE	* *	5	\$14,400	
Masonry: Granite	5%			LIFE	* *	5	\$800	
Masonry: Limestone	5%			LIFE	* *	5	\$800	
Wood Overhead Doors	15%			2028	\$97,700	5	\$15,500	
Windows								
Aluminum	100%	2-4	\$52,100	2031	* *	5	\$1,600	
			Extent : Light, Are	a Affecte	d: 100%			
		: Through						
			Extent : Moderate, A	Area Affe	ected : 100%			
		: Through						
	-		_	ızed With	h Plexiglass Install	ed In Ma	ny Panes. They	
	Are Gen	erally Oper	rable					
Parapets	0.70/				di di	_	DA 1 00	
Masonry: Brick	85%			LIFE	**	5	\$2,100	
Masonry: Limestone	15%			LIFE	* *	5	\$500	
Roof								
Built-Up (BUR)		Now	\$4,700	2023	\$46,700			
		Extent : Mo : Roof Dra	derate, Area Affec ains	ted : 25%	6			
Roll Roofing	5%			2019	\$2,200	5	\$900	
Interior E							·	
Floors								
Cast in Place Concrete	45%	0-2	\$5,400	LIFE	* *	5	\$11,300	
	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%		. ,	
	_	: Through	_	00				
Ceramic Tile	10%			2038	* *	5	\$1,100	
Ceranne The		nlace Evide	ent, Extent : Light,		Sected : 100%	3	\$1,100	
	-	: Through	_	111001199	ceica : 10070			
Quarry Tile	5%			2036	* *	5	\$900	
Vinyl Tile	40%	Now	\$38,900	2033	* *	3	\$1,700	
•		issing Elem	ents, Extent : Seve		Affected : 100%			
			: Severe, Area Aff	ected : 1	00%			
				colou . I	00,0			
		: 2nd Floo						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13136

Architecture		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$800	
		olace Evident, : Throughout	Extent : Light,	Area Aff	ected : 100%			
Gypsum Board	20%	0-2	\$1,300	LIFE	* *	5	\$1,900	
71	O	Crumbling, Ex : Throughout	xtent : Light, Are	ea Affecto	ed : 10%			
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	\$900	
Plywood/Hardboard	10%			LIFE	* *			
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	\$9,300	2036	* *	5	\$1,800	
•	Location	: 2nd Floor	ts, Extent : Mod xtent : Moderate		rea Affected : 25% ffected : 25%			
	Location	: 2nd Floor						
Plaster	Water Pen	Now etration, Exte : 2nd Floor	\$11,300 nt : Moderate, A	LIFE Area Affe	* * cted : 10%	5	\$5,400	

lectrical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Other Observation, Extent : Modera	te, Area Affec	ted : 100%			
	Location: Basement					
	Explanation: 400 Amperes					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$48,800	5	\$200	
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Molded Case Bkrs	75%	2022	\$28,900	5	\$100	
	Covers Missing, Extent: Severe, Are	ea Affected : 7	75%			
	Location: Basement					
Molded Case Bkrs	25%	2031	* *	5	\$100	
Wiring						
Thermoplastic	100%	2023	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,400	5	\$100	

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13136

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	95%	2031	* *	10	\$6,500	
	Other Observation, Extent: Moderate,	Area Affect	ted : 100%			
	Location: Throughout					
	Explanation: 70% T-8 And 30% T-12	2				
Incandescent	5%	2023	\$2,400	2		
Egress Lighting						
Exit, Service	50%	2023	\$400	1		
Exit, Battery	50%	2019	\$1,400	10	\$300	
Exterior Lighting						
HID	100%	2023	\$28,200	10		

Mechanical		Current Repair	Future Replacement		Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$3,700	
	Other Obser	rvation, Extent : Light, Area	Affected	: 100%			
	Location:	Basement					
	Explanatio	on : One Boiler					
Distribution							
Hot Wtr Piping/Pump	100%		2039	* *	4	\$600	
Terminal Devices							
Convector/Radiator	80%		2040	* *	1	\$1,900	
Fan Coil Unit/Heat	20%		2028	\$20,900	1	\$500	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Window/Wall Unit	100%		2022	\$14,600	1		
Ventilation							
Exhaust Fans							
Roof	60%		2028	\$7,000	2	\$100	
Wall Unit	40%		2028	\$1,000	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	5%		2049	* *	1		
Galvanized Steel	95%		2028	\$29,100	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13136

echanical	Current Rep	air Futur	e Replacement	М		
stem Component Type	% of Fail Date Education (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing						
Water Heater						
Gas Fired	100%	2022	\$4,300	2	\$100	
	Other Observation, Exte	nt : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2028	\$1,100	4	\$200	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 247

Address : 1336 60th STREET BTWN 13TH AVE - 14TH AVE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.247 / 13137 Yr Built/Renovated : 1897 /

Area Sq Ft : 5,356 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5719 Lot : 22 BIN : 3141309

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$60,300	
Interior Architecture	\$48,900	
Electrical		\$48,800
Mechanical	\$38,600	
Total	\$147,800	\$48,800
Importance Code A	\$98,900	
Importance Code B	\$48,900	\$48,800
Total	\$147,800	\$48,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$98,000			
Interior Architecture	\$27,700			
Electrical	\$20,800			\$14,400
Mechanical	\$3,200	\$600	\$500	\$36,200
Site Pavements	\$1,400			
Total	\$151,200	\$600	\$500	\$50,600
Importance Code A	\$98,000	\$300	\$300	\$300
Importance Code B	\$36,000	\$300	\$200	\$50,300
Importance Code C	\$17,100			
Total	\$151,200	\$600	\$500	\$50,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 247

Asset #: 13137

Architecture		Current I	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Cast Stone/Terra Cotta	Cracking/0	Now Crumbling,	\$19,700 Extent : Moderate acade	LIFE c, Area Ą	* * ffected : 15%	5	\$9,500	
Copper/Terne	2%			2044	* *	10	\$700	
Masonry: Brick	20% Diagonal (Location Jnt Mortan	: Main Fa	d, Extent : Moderat	LIFE rea Affec		5	\$3,000	
M		. Mun Fu	caue	LIEE	* *	-	\$0.200	
Masonry: Brick Wood Overhead Doors	55% 15%			LIFE 2029	* *	5 5	\$8,300 \$11,400	
Windows	1370			2029			\$11,400	
Aluminum		0-2 issing Elem : Through	\$3,900 nents, Extent : Ligh out	2040 t, Area A	* * Affected : 10%	5	\$500	
Parapets Masonry: Brick	-		\$4,100 e, Extent : Light, A out	LIFE rea Affe	* * cted : 10%	5	\$700	
Masonry: Sandstone Pre-Cast Concrete	5% 20%			LIFE LIFE	* *	5 5	\$100 \$1,200	
Roof								
Built-Up (BUR)		2-4 ded, Extent : Through	\$29,900 : Moderate, Area . out	2034 Affected	* * : 100%			
Modified Bitumen			\$7,100 amage, Extent : Se out	2034 vere, Ar	* * ea Affected : 60%			1
	Water Pen	_	xtent : Light, Area	Affected	: 10%			
Skylight, Metal/Glass	5%	0-2	\$60,300	2054	* *			
nterior Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$6,500	
Ceramic Tile	-	place Evide : Through	ent, Extent : Light, out	2039 Area Aff	* * Gected : 100%	5	\$400	
Quarry Tile			\$500 Extent : Light, Are out	2037 ea Affect	* * ed : 10%	5	\$300	
Wood	-	0-2 ecay, Exter : Through	\$48,900 nt : Severe, Area Aj out	2039 ffected :	**	5	\$3,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 247

Asset #: 13137

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Interior Walls								
Masonry: Brick			\$1,000 Extent : Light, Area out	LIFE Affected	**: 10%			
Metal Panel	-		\$1,100 xtent : Light, Area I out	LIFE Affected	**			
Plaster			\$1,800 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$1,400	
SGFT/Glazed Masonry	_		\$11,800 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%			
Wood	5%			LIFE	* *	5	\$2,000	
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	\$400	
Embossed Metal		4+ ted Finish, t : Through	\$8,100 Extent : Light, Area out	LIFE a Affecte	* * d : 10%	5	\$1,700	
Exposed Concrete	15%			LIFE	* *	5	\$200	
Plaster	30%		\$2,900	LIFE	**	5	\$1,400	
		Crumbling, : Through	Extent : Light, Are	га Ајјест	ea : 20%			
Site Pavements On-Site Walkways Cast in Place Concrete	100%	Now	\$1,400	2037	* *			
Cast III I face Collecte	Cracking/	Crumbling,	51,400 Extent : Light, Ard urtyard And Walkw	ea Affecto				

ectrical	Current Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Switchgear / Switchboard						
Fused Disc Sw	100%	2024	\$48,800	5		
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Basement Electrical Room					
	Explanation: 1-200 Amperes Main F	art Of Th	e Qmqb. Federal I	Pacific E	quipment	
Raceway						
Conduit	100%	2024	\$31,300	1		
Panelboards						
Fused Knife Sw	80%	2023	\$30,800	5	\$100	
Molded Case Bkrs	20%	2032	* *	5		
Wiring						
Thermoplastic	100%	2034	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 247

Asset #: 13137

Electrical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2022	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent: Moderate, 1	Area Affe	cted : 100%			
	Location: Basement					
	Explanation: Water Main					
Lighting						
Interior Lighting						
Fluorescent	100%	2024	\$14,500	10	\$4,900	
	Other Observation, Extent: Moderate, 1	Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-12 Fixtures On 1st Fl	oor / T-8	Fixtures In Basem	ent		
Egress Lighting						
Exit, Service	100%	2019	\$600	1		
Exterior Lighting						
HID	100%	2019	\$20,200	10		

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$38,600	2044	* *	1	\$2,400	
	On Extend	ed Life, Ext	tent : Severe, Area	Affected	: 100%			
	Location	: Basemen	t					
	Other Obs	ervation, E.	xtent : Severe, Are	a Affecte	d : 100%			
	Location	: Basemen	t					
	Explana	ion : One U	Init					
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$400	
Terminal Devices								
Convector/Radiator	100%	Now	\$1,300	2029	* *	1	\$1,600	
	Leak Evid	ent, Extent .	: Moderate, Area A	Affected :	15%			
	Location	: Bathroom	n On 2nd Floor					
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2022	\$10,400	1		
Plumbing					*			
H/C Water Piping								
Galvanized Steel	100%			2022	\$22,000	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 247

Asset #: 13137

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Water Heater							
Gas Fired	100%		2022	\$3,100	2	\$100	
	Other Observation, Location: Baseme Explanation: 2 - 2	ent	Affected	: 100%			
Sanitary Piping							
Cast Iron	100% Now	\$1,800	LIFE	* *	1		
	Blockage /Clogged, Location : Engine		Area Affe	ected : 50%			
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
	Obsolete Fixtures, I	Extent : Moderate, A	rea Affec	cted : 40%			
	Location: Bathro	oms And Kitchen					
Fire Suppression Chemical System							
No Component	90%						
Generic	10%		2022	\$200	1-3	\$400	
	Other Observation,	Extent : Light, Area	Affected	: 100%			
	Location: Throug	hout					
	Explanation: Fire	e Extinguishers					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 248 (COMBINED FACILITY)

Address : 2900 SNYDER AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.248 / 13138 Yr Built/Renovated : 1972 /

Area Sq Ft : 7,484 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5111 Lot : 24 BIN : 3117400

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$121,500
Interior Architecture	\$55,500	\$47,800
Electrical	\$38,500	
Total	\$94,000	\$169,200
Importance Code A		\$121,500
Importance Code B	\$94,000	\$47,800
Total	\$94,000	\$169,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,200		\$5,600	
Interior Architecture		\$700		\$1,100
Electrical	\$45,000		\$2,700	\$100
Mechanical	\$7,800	\$200	\$800	\$6,400
Total	\$70,000	\$900	\$9,100	\$7,500
Importance Code A	\$17,200		\$5,600	
Importance Code B	\$52,800	\$900	\$3,500	\$7,100
Importance Code C				\$400
Total	\$70,000	\$900	\$9,100	\$7,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 248 (COMBINED FACILITY)

Asset #: 13138

Architecture		Current Repair		Future Replacement		Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	20/	3.7	# < 000	LIDE	* *	-	# 2 7 00	
Cast in Place Concrete		Now	\$6,000 Extent : Moderate	LIFE		5	\$2,700	
	_	_	Extent : Moderate At North Facade	, Area A	ffeciea : 20%			
Masonry: Brick	17%			LIFE	* *	5	\$4,600	
Metal Sect. OHD	6%			2036	* *	5	\$5,000	
Pre-Cast Concrete	75%			LIFE	* *	5	\$65,200	
Windows	1000/	3.7	#2 000	2020	* *	_	#200	
Aluminum		Now Missing F	\$2,800	2039		5	\$300	
		: Through	xtent : Moderate, A	Area А <u></u> IJе	естеа : 50%			
Parapets	Location	. Inrought)ui					
Cast in Place Concrete	75%	Now	\$8,400	LIFE	* *	5	\$13,600	
Cust in I need Constitute			nt, Extent : Moder		a Affected : 10%	J	Ψ13,000	
	-	: North Pa			30			
Metal Rail	25%			2036	* *	5-10	\$7,900	
Roof	1000/			• • • •	4.5.6.0 0	4.0		
Built-Up (BUR)	100%			2028	\$56,200	10	\$12,300	
terior								
Floors Cast in Place Concrete	35%			LIFE	* *	5	\$9,600	
Ceramic Tile	10%			2032	* *	5	\$1,300	
Terrazzo	10%			LIFE	* *	5	\$1,000	
Vinyl Tile	45%			2023	\$47,800	3	\$2,100	
Interior Walls					4 11,000		+-,	
Ceramic Tile	10%			2032	* *	5	\$900	
Plaster	50%			LIFE	* *	5	\$1,300	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn		0-2	\$55,500	2043	* *	5	\$4,300	
			Extent : Moderate	, Area A	ffected : 20%			
		: Through						
	_	iscoloring, : Throughe	Extent : Moderate out	, Area Ą	ffected : 50%			
		_	: Moderate, Area I	Affected	: 25%			
		: Through		JJ . 3.2.30				
Exposed Concrete	40%			LIFE	* *	5	\$800	
Metal Panel	5%			LIFE	* *	5	\$800	

Electrical	Current Re	pair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Raceway		•				
Conduit	100%	2023	\$31,300	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 248 (COMBINED FACILITY)

Asset #: 13138

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	100%	2022	\$38,500	5	\$200	
Wiring						
Thermoplastic	100%	2023	\$27,700	1		
Lighting						
Interior Lighting						
Fluorescent	40%	2031	* *	10	\$2,700	
	Other Observation, Extent : Mode	rate, Area Affe	cted : 100%			
	Location: 1st Floor					
	Explanation: T-8 Lamps					
Fluorescent	60%	2019	\$12,200	10	\$4,100	
	Other Observation, Extent: Mode	rate, Area Affe	cted : 100%			
	Location: 2nd Floor					
	Explanation: T-12 Lamps					
Egress Lighting						
Exit, Service	100% Now \$	500 2033	* *	1		
	Not Functioning, Extent: Modera	te, Area Affecte	ed : 100%			
	Location: Throughout					
Exterior Lighting						
HID	100%	2019	\$28,200	10		

Mechanical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
leating					
Energy Source					
Not Accessible	100%				
	Other Observation, Extent : Light, Area	Affected : 0%			
	Location: Basement Of Precinct				
	Explanation: Located In Adjacent 67	th Police Precinct			
Conversion Equipment					
Not Accessible	100%				
	Other Observation, Extent : Light, Area	Affected : 0%			
	Location: Basement Of Precinct				
	Explanation: Heating Unit Located Is	n Adjacent 67th Police Pre	cinct		
Distribution					
Hot Wtr Piping/Pump	100%	2031 **	4	\$600	
Terminal Devices					
Convector/Radiator	80%	2028 \$30,000	1	\$1,900	
Unit Heater - Steam	10%	2023 \$2,500	4	\$100	
No Component	10%				
•	Other Observation, Extent : Light, Area	Affected : 0%			
	Location : Locker Room				
	Explanation: No Heating Device				

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 248 (COMBINED FACILITY)

Asset #: 13138

Mechanical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		
Conversion Equipment	200/	2022	#11 200	2	#100	
Exterior Pkg Unit - Cooling	20%	2023	\$11,300	2	\$100	
	Other Observation, Extent: Moderate	e, Area Affecte	d : 100%			
	Location: Police Precinct Roof					
	Explanation : Not Accessible	2010	A- 2 00			
Window/Wall Unit	50%	2019	\$7,300	1		
No Component	30%	1.00	0.4			
	Other Observation, Extent : Light, Ar	ea Affected : 0	%			
	Location:					
Ventilation	Explanation: No A C In Locker Roc	om				
Distribution						
Distribution Ductwork/Diffusers	90%	LIFE	* *	2-5	\$3,800	
Ductwork/Diffusers	Obsolete Equipment, Extent : Modera		ted · 100%	2-3	\$5,000	
	Location: 2nd Floor	, 111 ca 11 ₁ 1 cc				
No Component	10%					
Two Component	Other Observation, Extent : Light, Ar	ea Affected : 0	%			
	Location:					
	Explanation: No Air Ventilation In	Locker Room				
Exhaust Fans						
Interior	90%	2023	\$22,400	2	\$200	
No Component	10%					
	Other Observation, Extent: Light, Ar	ea Affected : 0	%			
	Location:					
	Explanation : No Air Ventilation In	Locker Room				
Plumbing						
H/C Water Piping	1000/		de de			
Brass/Copper	100%	2033	* *	1		
Water Heater	1000/	2022	Φ.C. 2 000	4		
Electric	100%	2022	\$6,200	4		
Sanitary Piping	1000/	LIDE	* *	1		
Cast Iron	100%	LIFE		1		
Storm Drain Piping	1000/	LIEE	* *	1		
Cast Iron Backflow Preventer	100%	LIFE	- T	1		
Not Accessible	100%					
Not Accessible	Other Observation, Extent : Light, Ar	rea Affected · O	0/0			
	Location: Precinct Basement	ca ryjecieu . O	/0			
	Explanation: Water Main Is Locate	ed In Adiacent	Police Precinct	<u>.</u>		
Fixtures	Expansion . Huier Huin is Locule	a m myacem	· once i reculci			
Generic	100%					
						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 249/LADDER CO. 113

Address : 491 ROGERS AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,800 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5033 Lot : 4 BIN : 3114990

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$39,200	\$77,600
Electrical	\$30,800	
Total	\$70,000	\$77,600
Importance Code A	\$39,200	\$77,600
Importance Code B	\$30,800	
Total	\$70,000	\$77,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,300			
Interior Architecture	\$24,200		\$300	\$1,000
Electrical	\$10,500	\$100	\$100	\$100
Mechanical	\$2,500	\$500	\$4,900	\$400
Site Enclosure				
Total	\$48,500	\$500	\$5,200	\$1,500
Importance Code A	\$11,500	\$200	\$200	\$200
Importance Code B	\$24,700	\$300	\$5,000	\$1,000
Importance Code C	\$12,300			\$300
Total	\$48,500	\$500	\$5,200	\$1,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13139

Architecture		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	\$6,500	
		ervation, Exten	t : Moderate, 1	Area Affe	cted : 100%			
		: Third Floor			_			
	Explana	tion : A Third F						
Masonry: Brick		Now	\$39,200	LIFE	* *	5	\$6,500	
		Extent : Modera			ó			
		: Lower Section	· ·					
		ded, Extent : Mo			25%			
	Location	: Lower Section	n Of South Fa	cade				
Masonry: Brownstone	3%	Now	\$11,100	LIFE	* *	5	\$400	
·	Spalling, I	Extent : Severe,	Area Affected	: 50%				
	Location	Location: Front Facade Base						
	Worn/Ero	ded, Extent : Se	vere, Area Aff	ected : 30	0%			
	Location	: Front Facade	e Base					
Masonry: Limestone	10%			LIFE	* *	5	\$1,200	
Wood Overhead Doors	7%			2028	\$36,000	5	\$5,700	
Windows								
Aluminum	100%			2039	* *	5	\$400	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	\$600	
Masonry: Limestone	5%			LIFE	* *	5		
Pre-Cast Concrete	5%			LIFE	* *	5	\$200	
Roof								
Modified Bitumen	100%			2028	\$41,600	10	\$7,200	
nterior								
Floors	450/				ale ale	_	# 6 000	
Cast in Place Concrete	45%			LIFE	* *	5	\$6,900	
Ceramic Tile	10%			2032	* *	5	\$700	
Quarry Tile	5%			2036		5	\$500	
Vinyl Tile	30%	3.7	AC 225	2028	\$18,000	3	\$1,100	
Vinyl Tile		Now	\$6,000	2033	**	3	\$300	
	_	Crumbling, Exte		, Area A <u>j</u>	fected : 25%			
		: Locker Room		1.00	250/			
		ded, Extent : Mo		Affected .	25%			
	Location	: Locker Room	1					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13139

Architecture		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$500	
Concrete Masonry Unit	10%			LIFE	* *	5	\$200	
Gypsum Board	45%			LIFE	* *	5	\$1,400	
Masonry: Brick		Now	\$12,300	LIFE	* *			
			Extent : Severe, A	rea Affec	cted : 10%			
		: Basement						
		_	Severe, Area Affe	ected : 5	0%			
		: Basement						
	-		re, Area Affected	: 30%				
	Location	: Basement						
Plaster	15%			LIFE	* *	5	\$200	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$5,700	2043	* *	5	\$400	
	Broken/M	issing Eleme	nts, Extent : Seve	re, Area	Affected : 20%			
	Location	: Kitchen / I	Dining					
	Worn/Ero	ded, Extent :	Severe, Area Affe	ected : 10	00%			
	Location	: Kitchen / I	Dining					
Embossed Metal	20%			LIFE	* *	5	\$600	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	50%			LIFE	* *	5	\$2,200	
Site Enclosure								-
Fence/Gates								
Chain link	50%			2043	* *			
Wood	50%			2024	\$5,700			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			_

ectrical	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts					
Service Equipment					
Molded Case Bkrs	100%	2043 **	5	\$100	
	Other Observation, Extent: Modera	te, Area Affected : 100%			
	Location: Basement				
	Explanation: Main Service Discon	mect Rated @ 600 Amperes			
Switchgear / Switchboard					
Molded Case Bkrs	100%	2043 **	5	\$100	
Raceway					
Conduit	80%	2033 **	1		
Conduit	20%	2043 **	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13139

Electrical	Current Re	pair Fu	Future Replacement		Maintenance			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Ye	ar Estimated Cost Y	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Panelboards								
Molded Case Bkrs	80%	202	. ,	5	\$100			
Molded Case Bkrs	20%	203	**	5				
Wiring								
Thermoplastic	80%	204		1				
Thermoplastic	20%	202	23 \$5,500	1				
Motor Controllers								
Locally Mounted	100%	202	\$14,400	5				
Ground								
Grounding Devices								
Generic	100%	LIF		5	\$100			
	Other Observation, Ext	ent : Moderate, Area I	Affected : 100%					
	Location: Basement l	Near Water Service.						
	Explanation: Recently	ly Installed Ground Fo	r Main Service.					
Lighting								
Interior Lighting								
Fluorescent	100%	202	\$13,000	10	\$4,400			
		Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Throughou	_						
	Explanation: T-8 Lan	nps						
Egress Lighting								
Exit, Service	100% Now	\$500 203		1				
	Not Functioning, Exten		ected : 100%					
	Location : Throughou	tt The Building						
Exterior Lighting								
HID	100%	202	\$18,100	10				
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic	20% Now	\$9,900 203	**	1-3	\$500			
	Other Observation, Ext	ent : Moderate, Area A	Affected : 100%					
	Location: 1st Floor							
	Explanation: Not Fun	nctional						

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating Energy Source Natural Gas	100%	2043 **	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13139

Mechanical	Current Repair	Future Re	eplacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Furnace	60% Other Observation, Extent : Light, Area Location : Roof Explanation : 3 Roof Top Package Un		\$6,300	1	\$1,400	
Hot Water Boiler	40% Other Observation, Extent: Light, Area Location: Basement Explanation: 1 Unit	2040	**	1	\$1,000	
Distribution Hot Wtr Piping/Pump No Component	40% 60%	2039	* *	4	\$100	
Terminal Devices Convector/Radiator Unit Heater - Steam	30% 10% Other Observation, Extent : Light, Area Location : 1st Floor Explanation : Unit Heaters Serve Tru		\$7,200 \$1,600	1 4	\$500 \$100	
No Component	60%	ск вауѕ				
Air Conditioning Energy Source Electricity	100%	2039	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	60%	2023	\$33,700	2	\$200	
Window/Wall Unit	R-22 Refrigerant, Extent: Light, Area & Location: Roof Other Observation, Extent: Light, Area Location: Roof Explanation: 3 Roof Top Package Un 20%	a Affected : 60		1		
No Component	20%	2019	\$1,900	1		
Distribution Ductwork/Diffusers Ventilation	100%	LIFE	* *	2	\$6,200	
Exhaust Fans Roof	100%	2023	\$7,500	2	\$100	
Plumbing H/C Water Piping Brass/Copper	100%	2033	* *	1		
Water Heater Gas Fired	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 2 Units @ 74 Gallons B		\$2,700	2	\$100	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13139

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2028	\$700	4	\$200	
Backflow Preventer							
Generic	100%		2028	\$1,100	1	\$300	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%		2033	* *	1-2	\$1,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 250
Address : 126 FOSTER AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,930 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6499 Lot : 11 BIN : 3170273

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$43,200
Electrical		\$48,800
Total		\$92,000
Importance Code A		\$43,200
Importance Code B		\$48,800
Total		\$92,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$900		\$2,000	
Interior Architecture	\$43,500		\$300	\$700
Electrical			\$3,300	\$3,900
Mechanical	\$19,400	\$200	\$3,000	\$200
Total	\$63,700	\$200	\$8,500	\$4,700
Importance Code A	\$900		\$2,000	
Importance Code B	\$58,900	\$200	\$6,300	\$4,700
Importance Code C	\$3,900		\$300	
Total	\$63,700	\$200	\$8,500	\$4,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13140

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	\$22,100	
		-	ent : Moderate, Ai	ea Affec	ted : 50%			
		: East And	West Facades					
Masonry: Granite	2%			LIFE	* *	5	\$400	
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Metal Sect. OHD	5%			2036	* *	5	\$3,900	
Windows								
Aluminum	100%			2039	* *	5	\$1,900	
Parapets								
Masonry: Brick	93%			LIFE	* *	5	\$1,800	
Masonry: Limestone	2%			LIFE	* *	5		
Pre-Cast Concrete	5%			LIFE	* *	5	\$600	
Roof								
Modified Bitumen	98%			2028	\$43,200	10	\$7,400	
Skylight, Metal/Glass	2%			2033	* *	10	\$500	
terior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$7,000	
Ceramic Tile	5%			2032	* *	5	\$400	
Mosaic Tile	5%			2028	\$23,800	5	\$1,000	
Vinyl Tile	50%			2019	\$33,800	3	\$2,000	
Interior Walls								
Ceramic Tile	5%			2026	\$15,100	5	\$500	
Gypsum Board	10%			LIFE	* *	5	\$700	
Marble Panels	5%			LIFE	* *			
Plaster		Now	\$3,900	LIFE	* *	5	\$1,500	
	_	_	Extent: Moderate	-	ffected : 10%			
	Location	: Various I	Locations 2nd Floo	or				
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2028	\$3,200	5	\$400	
Exposed Concrete	45%			LIFE	* *	5	\$600	
1		ervation, E	xtent : Moderate, A		ected : 100%			
	Location	: Basemen	t					
	Explana	tion : Lally	Columns Are Shor	ing Up A	Apparatus Floor			
Plaster		Now	\$5,200	LIFE	* *	5	\$2,500	
- 1			Extent : Moderate		ffected : 10%	2	Ψ2,200	
	_	-	Locations 2nd Flo	-	-			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13140

Electrical	Current Repair	Future I	Replacement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Other Observation, Extent : Mode	rate, Area Affecte	ed : 100%			
	Location : Basement					
	Explanation : Main Service Swit	ch Rated @ 200 i	Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$48,800	5	\$100	
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Fused Disc Sw	10%	2022	\$3,800	5		
Molded Case Bkrs	90%	2031	* *	5	\$100	
Wiring						
Thermoplastic	100%	2033	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	70%	2031	* *	10	\$3,200	
	Other Observation, Extent : Mode		ed : 100%			
	Location: Throughout The Build	ling				
	Explanation: T-8 Lamps					
HID	30%	2031	* *	10		
	Other Observation, Extent: Mode	rate, Area Affecte	ed : 100%			
	Location : 1st Floor					
	Explanation : L. E. D.					
Exterior Lighting						
HID	100%	2028	\$18,600	10		

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Under Construction	100%						
Distribution							
Central Plant Steam	100%		2043	* *	4	\$400	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	80%		2028	\$19,700	1	\$1,300	
Fan Coil Unit/Heat	20%		2019	\$13,800	1	\$300	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13140

l echanical		Current Rep	oair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2019	\$4,800	1		
No Component	50%							
entilation								
Exhaust Fans								
Roof	10%			2028	\$800	2		
Wall Unit	20%			2023	\$300	2		
No Component	70%							
lumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired		Now	\$100	2021	\$2,800	2	\$100	
			ent : Light, Area	Affected	l : 100%			
		: Basement						
	Explanat	ion : 1 Unit. I	Not Enough Ho	Water F	or The Front Secti	on Of Th	e Building	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	\$200	2019	\$200	4	\$100	
			it : Severe, Area	Affectea	l : 100%			
	Location	: Basement						
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 251

Address : 254-20 UNION TURNPIKE

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.251 / 13141 Yr Built/Renovated : 1952 / 2001

Area Sq Ft : 6,110 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8691 Lot : 13 BIN : 4177508

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$211,600	
Interior Architecture	\$82,600	\$44,500
Total	\$294,200	\$44,500
Importance Code A	\$211,600	
Importance Code B		\$44,500
Importance Code C	\$82,600	
Total	\$294.200	\$44.500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,600		_	\$6,600
Interior Architecture	\$24,500	\$1,000		\$700
Electrical	\$15,900	\$600	\$400	\$400
Mechanical	\$37,500	\$12,800	\$1,100	\$900
Total	\$91,500	\$14,400	\$1,500	\$8,600
Importance Code A	\$14,200	\$600	\$600	\$7,200
Importance Code B	\$72,700	\$13,400	\$900	\$1,400
Importance Code C	\$4,600	\$400		
Total	\$91,500	\$14,400	\$1,500	\$8,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 251

Asset #: 13141

rchitecture	Current R	epair	Futur	e Replacement	M	aintenance			
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior									
Exterior Walls									
Masonry: Brick	85% Now	\$168,800	LIFE	**	5	\$18,700			
	Int Mortar Miss/Erod Location : Through			ffected : 10%					
	Spalling, Extent: Mod								
	Location : Bulkhead		. 1070						
	Water Penetration, Ex	ctent : Moderate, 1	Area Affe	cted : 15%					
	Location : Rear Fac	ade And Facade A	Along 255	th Street					
	Other Observation, E.		Area Affe	cted : 100%					
	Location: Throughout								
	Explanation: No Wo								
Masonry: Limestone	3% Now	\$1,400	LIFE	**	5	\$500			
	Jnt Mortar Miss/Erod Location : Above Ov		ie, Area A	gjeciea : 20%					
Wood Overhead Doors	12%	emeda Boor	2032	* *	5	\$13,200			
Windows	1270		2032			ψ13,200			
Aluminum	100%		2043	* *	5	\$1,700			
Parapets									
Masonry: Brick	90% Now	\$42,800	LIFE	**	5	\$2,500	1		
	Horizontal Cracks, Extent: Severe, Area Affected: 10%								
	Location : Interior Face Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location: Throughout Interior And Exterior Face Of Front Facade And Facade Along								
	255th Street			3		Ü			
	Spalling, Extent: Seve		: 15%						
	Location : Interior I								
Masonry: Limestone	10% Now	\$1,400	LIFE	**	5	\$300			
	Jnt Mortar Miss/Erod Location : Through			gjeciea : 30%					
Roof	Locuiton . Intought	out the Coping Sout							
Modified Bitumen	95% Now	\$10,700	2032	* *					
	Alligatoring, Extent:	•	ffected : 1	75%					
	Location: Upper An								
	Blisters, Extent: Mod		ed : 10%						
	Location: Throughout			1 150/					
	Water Penetration, Ex Location: Second F		Area Affe	cted : 15%					
Skylight Metal/Glass	5%		2037	* *	10	\$1,600			
Skylight, Metal/Glass terior	370		2037	· *	10	\$1,600			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 251

Asset #: 13141

rchitecture	Current Rep	oair	Futur	Future Replacement		Maintenance		
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
erior								
Floors								
Cast in Place Concrete	30%		LIFE	**	5	\$6,300		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location : Apparatus I		alsa.					
C ' T'1	Explanation : Apparat			* *	-	#200		
Ceramic Tile	5% Now	\$500	2030		5	\$200		
	Broken/Missing Elemen. Location: Mens Show							
D 1/D G /D 1		er (2na Fi001) I						
Panel/Paver: Cer/Brk	2%		2043	* *	5	\$400		
Quarry Tile	3%	¢4.500	2040		5	\$400		
Vinyl Tile	55% 4+	\$4,500	2027	\$44,500	3	\$2,000		
	Broken/Missing Elemen		t, Area Ą	<i>пестеа : 2%</i>				
	Location : 2nd Floor Corridor Worn/Eroded, Extent : Moderate, Area Affected : 10%							
	Location: Throughout		Ајјестеа .	. 1070				
Wood	5%	2114 1 1001	2055	* *	5	\$900		
Interior Walls	270		2000			Ψ,00		
Ceramic Tile	5%		2030	* *	5	\$700		
Plaster	20% Now	\$4,600	LIFE	* *	5	\$900		
	Cracking/Crumbling, Extent: Moderate, Area Affected: 15%							
	Location: 2nd Floor At Front Office And Weight Room And Hose Tower							
	Water Penetration, Extent : Severe, Area Affected : 20%							
	Location : 2nd Floor I	Dormitory And I	Locker Ed	ast Wall At Windov	vs And H	ose Tower		
SGFT/Glazed Masonry	75% Now	\$82,600	LIFE	* *				
	Cracking/Crumbling, Ex	ctent : Severe, A	rea Affec	rted : 2%				
	Location: Stairwell Midlanding B/w 1st And 2nd Floor							
	Diagonal Cracks, Extent: Light, Area Affected: 2%							
	Location: 2nd Floor Bathroom							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
Ceilings								
Exposed Concrete	30%		LIFE	* *	5	\$400		
Gypsum Board	10%		LIFE	* *	5	\$1,200		
Plaster	60% Now	\$15,000	LIFE	**	5	\$3,600		
	Cracking/Crumbling, Extent: Severe, Area Affected: 10%							
	Location : Under Basement Stair, Garage Area Water Penetration, Extent : Severe, Area Affected : 10%							
				a : 10%				
	Location : Garage Are	a, Along 255th	sireei					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13141

Electrical	Current Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2047	**	5			
	Other Observation, Extent : Light, Area	Affected :	100%				
	Location: Basement	Diagona	at Chuitale				
Dagaway	Explanation: One 200 Amperes Main	Disconne	et Switch				
Raceway Conduit	95%	2027	\$29,700	1			
Conduit	5% 4+	2027	**	1			
Conduit	Covers Missing, Extent : Light, Area Af		%	1			
	Location : 2nd Floor Basement And S		, ,				
Panelboards							
Molded Case Bkrs	100%	2035	* *	5	\$200		
	Other Observation, Extent : Light, Area	Affected :	10%				
	Location: 2nd Floor And Bunk Room						
	Explanation: Insufficient Receptacles						
Wiring							
Braided Cloth	50% 2-4 \$13,800	2052	* *	1			
	Insulation Aged, Extent : Moderate, Are	ea Affected	! : 100%				
	Location: Throughout						
Thermoplastic	45%	2037	* *	1			
Thermoplastic	5%	2047	* *	1			
Motor Controllers							
Locally Mounted	100%	2025	\$14,400	5			
Ground							
Grounding Devices Generic	100%	LIFE	* *	5	\$100		
Stand-by Power	10070	LIFE			\$100		
Transfer Switches							
Automatic	100%	2040	* *	1	\$1,900		
Generators	10070	2010		-	Ψ1,500		
Diesel	100%	2036	* *	1	\$2,400		
	Other Observation, Extent: Light, Area Affected: 100%						
	Location : Side Yard						
	Explanation : 40 Kva						
Batteries							
Not Accessible	100%						
Fuel Storage		_					
Main Tank	100%	2055	* *	5	\$200		
	Other Observation, Extent : Light, Area		100%				
	Location: Side Yard Intergral With G	enerator					
Lighting	Explanation: 125 Gallons						

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 251

Asset #: 13141

Electrical	Current Repair	F	uture	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)		'ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting							
Interior Lighting							
Fluorescent	97% Now	\$1,600 20	027	\$16,100			
	Other Observation, Extent:	Light, Area Affe	ected .	100%			
	Location: Throughout						
	Explanation: T-8 Lamps						
Incandescent	3%	20	027	\$1,200	2		
Egress Lighting							
Emergency, Service	100%	20	027	\$3,000	1		
Exterior Lighting							
HID	100%	20	027	\$23,000	10		

Current Re	pair	Future R	eplacement	M	aintenance	
% of Fail Date 1 Total (Years)	Estimated Cost	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%		2047	* *	1		
100%		2040	* *	1	\$6,100	
Other Observation, Ext	tent : Light, Area	Affected: 10	00%			
Location: Basement						
Explanation: One Un	nit					
100% Now	\$4,800	2047	* *	4	\$300	
Corroded, Extent: Mod	derate, Area Affe	cted : 20%				
Location: Basement.	And First Floor					
10% Now	\$300	2040	* *	1	\$200	
Leak Evident, Extent :	Moderate, Area A	Affected: 109	%			
Location: 2nd Floor	Landing And We	ight Room				
Unit Inoperable, Exten	t : Light, Area A <u>j</u>	fected : 10%				
Location: Dining Ro	om					
90% 0-2	\$27,500	2047	* *	1	\$1,600	
				•	Ψ1,000	
0						
100%		2043	* *	1		
100%		2020	\$11,900	1		
	% of Fail Date 1 Total (Years) 100% 100% Other Observation, Ext. Location: Basement Explanation: One Un 100% Now Corroded, Extent: Mo. Location: Basement 10% Now Leak Evident, Extent: Location: 2nd Floor Unit Inoperable, Extent Location: Dining Ro 90% 0-2 Corroded, Extent: Mo. Location: Throughout	100% 100% Other Observation, Extent: Light, Area Location: Basement Explanation: One Unit 100% Now \$4,800 Corroded, Extent: Moderate, Area Affe Location: Basement And First Floor 10% Now \$300 Leak Evident, Extent: Moderate, Area Affe Location: 2nd Floor Landing And We Unit Inoperable, Extent: Light, Area Affe Location: Dining Room 90% 0-2 \$27,500 Corroded, Extent: Moderate, Area Affe Location: Throughout	100% 2047	Year Estimated Cost Total (Years) Year Estimated Cost FY	Year Estimated Cost Year Estimated Cost Cycle FY	100% 2047 ** 1 \$6,100

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 251

Mechanical	Current Repair	Future F	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ventilation							
Exhaust Fans							
Interior	90%	2032	* *	2	\$200		
Wall Unit	10%	2032	* *	2			
	Other Observation, Extent : Light, Ar Location : 1st Floor	ea Affected : I	10%				
	Explanation: Kitchen Hood Fan An	nd Apparatus I	Floor				
Plumbing							
H/C Water Piping Galvanized Steel	100%	2040	* *	1			
Water Heater							
Gas Fired	100%	2025	\$3,500	2	\$100		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement						
	Explanation: Two 74 Gallon						
Sanitary Piping							
Cast Iron	100% Now \$4,200	LIFE	* *	1			
	Blockage /Clogged, Extent: Moderat	e, Area Affecte	ed : 10%				
	Location: By House Trap When It I	Rains					
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)							
Submersible	100%	2021	\$200	4	\$100		
Backflow Preventer							
No Component	80%						
Generic	20%	2032	* *	1	\$100		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement						
	Explanation: For Boiler Intake Onl	!y					
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	5%	2025	\$100	1-3	\$200		
No Component	95%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 253 Address : 2429 86th STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 5,776 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Jun-2012 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 6859 Lot : 65 BIN : 3185380

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$47,500	
Electrical	\$35,700	
Total	\$83,300	
Importance Code A	\$47,500	
Importance Code B	\$35,700	
Total	\$83,300	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,000	\$4,900	\$6,800	\$1,500
Interior Architecture	\$81,900			\$400
Electrical	\$23,800		\$20,200	\$6,400
Mechanical	\$13,500	\$900	\$32,400	\$900
Site Pavements	\$1,800			
Total	\$131,000	\$5,800	\$59,400	\$9,200
Importance Code A	\$10,600	\$5,500	\$7,300	\$2,100
Importance Code B	\$107,700	\$300	\$52,100	\$7,100
importance Code B	\$107,700	\$300	\$52,100	\$7,100
Importance Code C	\$107,700	\$300	\$32,100	\$7,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 253

Asset #: 13143

rchitecture	Current F	Repair	Future	Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Masonry: Brick	80% Now	\$47,500	LIFE	* *	5	\$14,400	
	Diagonal Cracks, Ext		ea Affect	ed : 10%			
	Location : Above Ap	-	100/				
	Spalling, Extent : Sev Location : Rear Fac		: 10%				
	-			* *		4=00	
Masonry: Brownstone	5% Now	\$9,300	LIFE		5	\$700	
	Diagonal Cracks, Ext		еа Ађесы	ea : 10%			
W 10 1 1D	Location : Above Ap	paraius Door	2026	* *		φ12.500	
Wood Overhead Doors	15%		2036	* *	5	\$13,500	
Windows Wood	100%		2045	* *	5	\$9,900	
wood	Recent Replace Evide	ent Extent : Light			3	\$9,900	
	Location : Through		л <i>геи А</i> јје	cieu . 100/0			
Parapets							
Cast Stone/Terra Cotta	40%		LIFE	* *	5	\$1,900	
	Recent Replace Evide	nt, Extent : Light,		ected : 100%		4-,	
	Location : Through	out					
Metal Panel	60%		2049	* *	5	\$1,400	
	Recent Installation, E	xtent : Light, Area		: 100%		4-,	
	Location : Lower Re	_					
	Other Observation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location: Lower Re	oof					
	Explanation: Stain	less Steel Flashing	And Cou	nter Flashing Con	npletely (Cover Brick	
Roof							
Asphalt Shingle	85%		2032	* *	10	\$1,500	
	Recent Replace Evide	_	Area Affe	ected : 85%			
	Location : At Gable	d Koofs					
Modified Bitumen	15%		2028	\$10,200	10	\$1,600	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 253

Asset #: 13143

Architecture	Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors Cast in Place Concrete	55% Now	\$15,400	LIFE	* *	5	\$9,900	
Cast III I lace Concrete	Cracking/Crumbling, Location: Through Spalling, Extent: Sev Location: Through Other Observation, E	Extent : Severe, A out ere, Area Affected out	rea Affec : 30%		3	\$9,900	
	Location: Through		30				
	Explanation : Steel	Columns And Bear		ig Apparatus Floo	r Above		
Ceramic Tile	5% Now Cracking/Crumbling, Location: Through		2026 e, Area A <u>j</u>	\$8,700 fected : 30%	5	\$200	
Vinyl Tile	40% Now Broken/Missing Elem Location: Hole In I Uneven Substrate, Ex Location: Hole In I	Kitchen Floor tent : Severe, Area			3	\$1,200	
Interior Walls							
Cast in Place Concrete	10%		LIFE	* *			
Masonry: Brick	15% 0-2 Cracking/Crumbling, Location: Through		LIFE ea Affecte	* * ed : 10%			
Plaster	10% Now Cracking/Crumbling, Location: Basemen		LIFE e, Area Aj	* * fected : 15%	5	\$300	
Plaster	45%		LIFE	* *	5	\$1,300	
Wood	20% 0-2 Deteriorated Finish, Location: Through	_	LIFE	* * d : 20%	5	\$7,600	
Ceilings							
AcousTileSusp.Lay-In	5% 0-2 Cracking/Crumbling, Location: Through		2036 ea Affecte	* * ed : 10%	5	\$200	
Embossed Metal	30% Now Deformed/Dented, Ex Location: Through	· ·	LIFE Affected :	**	5	\$1,100	
Exposed Concrete	30% Now Cracking/Crumbling, Location: Through		LIFE rea Affec	* * ted : 40%	5	\$400	
Plaster	35% Recent Repair Evider Location : At Rear		LIFE Area Affec	* * cted : 5%	5	\$1,800	
e Enclosure							
Fence/Gates	1000/		2012	a. •			
Chain link te Pavements	100%		2043	* *			

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 253

Asset #: 13143

Architecture		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estir (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$1,200	2036	* *			
	Cracking/C	Crumbling, Exten	t : Light, Ar	ea Affecte	ed : 10%			
	Location	: Throughout						
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$600	2036	* *			
	Cracking/C	Crumbling, Exten	t : Light, Ar	ea Affecte	ed : 5%			
	Location	: Throughout		-				

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$5,300	5		
	Other Observation, Extent : Moderat	te, Area Affe	cted : 100%			
	Location: Basement					
	Explanation : One 200 Amperes Me	ain Disconne	ect Switch			
Raceway						
Conduit	100%	2023	\$34,200	1		
Panelboards						
Fused Disc Sw	15%	2022	\$6,300	5		
Molded Case Bkrs	85%	2022	\$35,700	5	\$100	
Wiring						
Thermoplastic	100%	2023	\$30,300	1		
Motor Controllers						
Locally Mounted	100%	2021	\$15,700	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Corroded, Extent : Moderate, Area A	Affected : 100	0%			
	Location :					
Lighting						
Interior Lighting						
Fluorescent	85%	2031	* *	10	\$4,500	
	Other Observation, Extent : Moderat	te, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Under Construction	15%					
Egress Lighting						
Emergency, Service	100%	2028	\$3,100	1		
Exterior Lighting						
HID	100%	2019	\$23,800	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 253

Asset #: 13143

Mechanical		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment					de de			
Steam Boiler	100%			2036	* *	1	\$5,700	
			ent : Light, Area	Affected	: 100%			
		: Basement						
	Explanati	ion : 1 Unit						
Distribution								
Central Plant Steam	100%	Now	\$2,000	2033	* *	4	\$300	
Piping/Pmp								
		_	ctent : Moderate,	Area Afj	fected : 20%			
	Location	: Basement						
Terminal Devices								
Convector/Radiator	100%			2021	\$31,600	1	\$1,900	
Air Conditioning	<u> </u>							
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating	10%			2028	\$5,000	1	\$300	
Compr/Chiller								
	R-22 Refrig	gerant, Exter	nt : Light, Area A	ffected :	10%			
	Location	: Kitchen						
Window/Wall Unit	50%			2019	\$6,100	1		
No Component	40%			_017	ψο,100	•		
Terminal Devices	1070							
Fan Coil - 2 Pipe	10%			2028	\$6,700	1	\$200	
No Component	90%			2020	ψ0,700		Ψ200	
Heat Rejection	7070							
Dry Cooler	10%			2028	\$1,900	2	\$400	
No Component	90%			2020	\$1,500	2	Ψτου	
Ventilation	9070							
Exhaust Fans								
Wall Unit	25%			2023	\$500	2		
No Component	75%			2023	\$500	4		
Plumbing	13/0							
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater	10070			2033		1		
Water Heater Gas Fired	1000/			2010	\$2.600	2	¢100	
Gas rired	100%	E	ant Links A	2019	\$3,600	2	\$100	
		ervation, Ext : Basement	ent : Light, Area	Ајјестеа	. 100%			
			@ 75 C - 11 F	a o l o				
C ', D' '	Explanati	on: 2 Units	@ 75 Gallons E	acn				
Sanitary Piping	1000/			LIDE	* *			
Cast Iron	100%			LIFE	• •	1		
Storm Drain Piping	1000/				ala -i-			
Cast Iron	100%			LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

ENGINE CO. 253

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
umbing				
Sump Pump(s)				
Non-Submersible	100% 0-2 \$900	2033 **	4 \$100	
	Other Observation, Extent : Light, Are	ea Affected : 100%		
	Location: Basement			
	Explanation: Pump Set In Plastic B.	ucket / Existing Sump Pit In I	Disrepair	
Fixtures				
Generic	100%			
	Other Observation, Extent : Light, Are	ea Affected : 100%		
	Location: Throughout			
	Explanation: Newly Renovated			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 254/LADDER CO. 153 Address : 901 AVENUE U @ E. 9TH ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.254 / 13144 Yr Built/Renovated : 1924 /

Area Sq Ft : 5,376 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7112 Lot : 49 BIN : 3192210

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$120,400	\$161,000
Electrical	\$38,500	
Total	\$158,900	\$161,000
Importance Code A	\$120,400	\$161,000
Importance Code B	\$38,500	, , , , , , , , , , , , , , , , , , ,
Total	\$158,900	\$161,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$96,100			
Interior Architecture	\$93,400		\$700	\$400
Electrical	\$31,500		\$2,500	\$100
Mechanical	\$1,000	\$700	\$4,400	\$7,000
Total	\$222,000	\$700	\$7,500	\$7,500
Importance Code A	\$96,600	\$500	\$500	\$500
Importance Code B	\$121,700	\$200	\$6,700	\$7,000
Importance Code C	\$3,600		\$300	
Total	\$222,000	\$700	\$7,500	\$7,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13144

Architecture	Current Repair	Current Repair Future Replacement		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Exterior Exterior Walls Copper/Terne	10% Now \$32,200 Deformed/Dented, Extent : Moderate, A Location : Throughout	2028 \$161,000 Area Affected : 20%		
Masonry: Brick	75% Now \$38,200 Vertical Cracks, Extent: Light, Area Again Location: West (Main) Facade Water Penetration, Extent: Moderate, Location: Throughout		5 \$12,700	
Masonry: Granite	5% Now \$5,000 Jnt Mortar Miss/Erod, Extent: Light, A Location: Throughout	LIFE ** Area Affected : 10%	5 \$600	
Masonry: Limestone	5% Now \$18,400 Cracking/Crumbling, Extent: Light, An Location: Throughout Jnt Mortar Miss/Erod, Extent: Modera Location: Throughout		5 \$600	
Wood Overhead Doors	5% Now \$13,400 Broken/Missing Elements, Extent : Seve Location : Throughout	2028 \$26,700 ere, Area Affected : 60%	5 \$2,100	
Windows Aluminum	100% Now \$21,600 Unit Inoperable, Extent : Moderate, Ar Location : Throughout	2031 ** rea Affected : 20%	5 \$900	
Parapets Cast Stone/Terra Cotta	10% Now \$1,300 Jnt Mortar Miss/Erod, Extent: Light, A Location: Throughout	LIFE ** Area Affected : 10%	5 \$1,500	
Masonry: Brick	80% Now \$46,000 Int Mortar Miss/Erod, Extent: Moderal Location: Throughout Water Penetration, Extent: Light, Area Location: Throughout Worn/Eroded, Extent: Moderate, Area Location: Throughout	a Affected : 10%	5 \$1,600	
Masonry: Limestone	10% Now \$4,200 Cracking/Crumbling, Extent : Severe, A Location : Throughout	LIFE ** Area Affected : 30%	5 \$300	1
Roof Built-Up (BUR)	100% Now \$36,200 Cracking/Crumbling, Extent: Severe, A Location: Main Roof Vegetation Growth, Extent: Severe, Ar Location: Main Roof Worn/Eroded, Extent: Severe, Area Afj Location: Main Roof	rea Affected : 15%		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13144

rchitecture		Current Repair Future Replacement Maintenance		Future Replacement		aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete		Now	\$12,500	LIFE	* *	5	\$8,800	
		_	Extent : Severe, A	rea Affec	cted : 30%			
		: Through	out					
Ceramic Tile	10%			2026	\$15,500	5	\$800	
Terrazzo	2%			LIFE	* *	5	\$100	
Vinyl Tile	38%	Now	\$25,900	2033	* *	3	\$1,100	
		_	ents, Extent : Mod	erate, Ar	ea Affected : 25%			
		: 2nd Floo						
			: Moderate, Area	Affected	: 75%			
	Location	: 2nd Floo	or					
Interior Walls						_	*	
Ceramic Tile	5%			2026	\$15,700	5	\$600	
Gypsum Board	10%			LIFE	* *	5	\$700	
Masonry: Brick	15%	3.7	Φ2 (00	LIFE	* *	-	Ф1 400	
Plaster	40%	Now	\$3,600	LIFE		5	\$1,400	
			xtent : Severe, Are or Bunk Room	а Ађесте	d: 15%			
		: 2na r ioc	т Бинк коот					
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings	200/		410.100	2012	ale ale	_	0.1.0 00	
AcousTileSusp.Lay-In		Now	\$19,100	2043	**	5	\$1,200	
		•		vere, Are	ea Affected : 100%			
		: Through						
Embossed Metal		Now	\$1,400	LIFE	* *	5	\$400	
		_	ents, Extent : Ligh	t, Area A	ffected : 10%			
		: Through	out					
Exposed Concrete	30%			LIFE	* *	5	\$400	
Plaster		Now	\$30,900	LIFE	* *	5	\$1,500	
	_	_	Extent: Severe, A	rea Affec	cted : 60%			
		: Through						
			xtent : Moderate, A	Area Affe	ected : 30%			
	Location	: Through	out					

Electrical	Current Repair	Repair Future Replacement		Current Repair Future Replacement Maintenance		aintenance	e	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2023	\$4,800	5				
	Other Observation, Extent: Moderate,	Area Affec	eted : 100%					
	Location: Basement							
	Explanation: 200 Amperes							
Raceway								
Conduit	80%	2023	\$25,000	1				
Conduit	20%	2049	* *	1				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13144

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	100%	2022	\$38,500	5	\$100	
Wiring						
Thermoplastic	80%	2023	\$22,200	1		
Thermoplastic	20%	2049	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Modera	ite, Area Affe	cted : 100%			
	Location: Water Main					
	Explanation : Main Water Pipe					
Lighting						
Interior Lighting	500/	2021	* *	1.0	#2.700	
Fluorescent	50%	2031		10	\$2,500	
	Other Observation, Extent : Modera	ite, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	50%	2019	\$7,300	10	\$2,500	
	Other Observation, Extent : Modera	ite, Area Affe	cted : 100%			
	Location : Throughout					
	Explanation: T-12 Lamps					
Egress Lighting						
Exit, Service	50%	2019	\$300	1		
Exit, Battery	50%	2019	\$1,000	10	\$200	
Exterior Lighting						
HID	100%	2019	\$20,300	10		

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
leating							
Energy Source							
Natural Gas	100%	2043	* *	1			
Conversion Equipment							
Steam Boiler	100%	2036	* *	1	\$5,300		
	Other Observation, Extent : Light, A	Area Affected : 10	00%				
	Location: Basement						
	Explanation: 1 Natural Gas Fired	l Steam Boiler					
Distribution							
Central Plant Steam	100%	2033	* *	4	\$300		
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%	2028	\$26,900	1	\$1,700		

Air Conditioning

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical		Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	20%		2023	\$8,100	2	\$100	
Cooling							
Window/Wall Unit	60%		2022	\$6,300	1		
No Component	20%						
⁷ entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,000	
Exhaust Fans							
Roof	30%		2028	\$2,500	2	\$100	
Wall Unit	20%		2023	\$400	2		
No Component	50%						
lumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		
Water Heater							
Gas Fired	100%		2021	\$3,100	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
	Other Obs	ervation, Extent : Light, Area	ı Affected	! : 100%			
	Location	: Basement					
	Explana	tion : Pump Is Incapable Of I	Handling	Heavy Storm Wate	r Downp	our	
Backflow Preventer							
Generic	100%		2028	\$1,300	1	\$300	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 255/ LADDER 157

Address : 1367 ROGERS AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 8,453 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2

Block : 5229 Lot : 9 BIN : 3120929

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$108,500
Interior Architecture		\$43,000
Mechanical		\$93,500
Total		\$245,000
Importance Code A		\$159,700
Importance Code B		\$85,300
T I		02.47.000

Total \$245,000

Total	\$110,800	\$1,400	\$19,100	\$2,700
Importance Code C				\$300
Importance Code B	\$56,300	\$500	\$18,300	\$1,500
Importance Code A	\$54,500	\$800	\$800	\$800
Total	\$110,800	\$1,400	\$19,100	\$2,700
Mechanical	\$19,800	\$1,400	\$4,200	\$1,400
Electrical	\$33,600		\$14,400	
Interior Architecture	\$8,600		\$500	\$1,300
Exterior Architecture	\$48,800			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13145

Architecture	Current	t Repair Future Replacement Ma			Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	100/			ate ate	_	#10.100	
Cast Stone/Terra Cotta	10%	Ф2 C 200	LIFE	* *	5	\$18,100	
Masonry: Brick	75% 4+ Cracking/Crumbling	\$26,200	LIFE		5	\$17,400	
	Location: Through		, Area Aj	geciea . 576			
	Int Mortar Miss/Ero		te. Area A	Affected : 5%			
	Location : Side Fa		.,	-JJ			
Metal Sect. OHD	15% 4+	\$10,900	2028	\$108,500	5	\$5,400	
Wiell Seen SIIB	Other Observation,			·	J	ψ2,100	
	Location: Main A						
	Explanation: Den Swing Doors At Fi	ts At Lower Interior ont	Sections	Of Overhead Doo	r Broken	Glazing At Metal	
Windows							
Aluminum	100% Now	\$11,700	2031	* *	5	\$700	
	Ctrwt/Balnc Not Fun Location : Through		ate, Area	Affected : 50%			
	Unit Inoperable, Ex		a Affaata	A . 500/			
	Location : 2nd Flo		чи Ајјесте	a. 50%			
Parapets							
Masonry: Brick	80%		LIFE	* *	5	\$2,200	
	Other Observation,	_	Affected	: 100%			
	Location : Parape	-					
		f Side Of Parapet N		ved- Inaccessible * *		#200	
Masonry: Limestone	5%	Entant Light Ange	LIFE		5	\$200	
	Other Observation, Location: Parape	_	Ајјестеа	: 100%			
	-	reyed From Street- I	Roof Side	Of Paranet Inacci	essible		
Pre-Cast Concrete	15%	eyearrom sireer 1	LIFE	**	5	\$2,600	
The Cust Concrete	Other Observation,	Extent : Light, Area		: 100%	3	Ψ2,000	
	Location : Parape	=	55				
	Explanation : Surv	eyed From Street- I	Roof Side	Of Parapet Inacce	essible		
Roof							
Not Accessible	100%						
Interior							
Floors Cast in Place Concrete	50%		LIFE	* *	5	\$13,800	
Ceramic Tile	5% 5%		2032	* *	5 5	\$600	
Quarry Tile	5%		2032	* *	5	\$900 \$900	
Vinyl Tile	40% Now	\$8,600	2028	\$43,000	3	\$1,900	
·,	Worn/Eroded, Extended Location: 2nd Flo	t : Moderate, Area		·		4-,5-00	
	Other Observation,		Affaatad	. 600/			
	Location: 2nd Flo	_	Ајјестеи	: 00%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13145

Architecture	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior						
Interior Walls						
Ceramic Tile	5%	2032	* *	5	\$700	
Gypsum Board	5%	LIFE	* *	5	\$400	
Masonry: Brick	20%	LIFE	* *			
Plaster	45%	LIFE	* *	5	\$1,800	
SGFT/Glazed Masonry	20%	LIFE	* *			
Wood	5%	LIFE	* *	5	\$2,700	
Ceilings						
AcousTileSusp.Lay-In	5%	2028	\$5,100	5	\$600	
Embossed Metal	55%	LIFE	* *	5	\$3,100	
	Staining/Discoloring, Extent .	Light, Area Affected : 7.	5%			
	Location: Throughout					
Exposed Struc: Steel	25%	LIFE	* *			
Plaster	15%	LIFE	* *	5	\$1,200	

System Component Type Under 600 Volts Service Equipment Fused Disc Sw 100% 2-4 \$4,800 2053 ** 5 Enclosure Corroded, Extent: Severe, Area Affected: 100% Location: Basement Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 200 Amp, 3 Phase, 208/120 V Raceway Conduit Panelboards Molded Case Bkrs 100% 0-2 \$7,700 2048 ** 5 Enclosure Corroded, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	Priority Priority
Service Equipment Fused Disc Sw	
Fused Disc Sw 100% 2-4 \$4,800 2053 *** 5 Enclosure Corroded, Extent : Severe, Area Affected : 100% Location : Basement Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 200 Amp, 3 Phase, 208/120 V Raceway Conduit 100% 2023 \$31,300 1 Panelboards Molded Case Bkrs 100% 0-2 \$7,700 2048 *** 5 \$1 Enclosure Corroded, Extent : Severe, Area Affected : 100% Location : Main Panel In Basement Aged Component, Extent : Severe, Area Affected : 100% Location : Main Panel In Basement Wiring Thermoplastic 100% 2033 *** 1 Motor Controllers	
Fused Disc Sw	
Location: Basement Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 200 Amp, 3 Phase, 208/120 V Raceway Conduit 100% 2023 \$31,300 1 Panelboards Molded Case Bkrs 100% 0-2 \$7,700 2048 ** 5 \$1000 Enclosure Corroded, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 200 Amp, 3 Phase, 208/120 V Raceway Conduit 100% 2023 \$31,300 1 Panelboards Molded Case Bkrs 100% 0-2 \$7,700 2048 ** 5 \$100 Enclosure Corroded, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Location : Basement	
Explanation : 200 Amp, 3 Phase, 208/120 V	
Raceway	
Conduit 100% 2023 \$31,300 1 Panelboards Molded Case Bkrs 100% 0-2 \$7,700 2048 ** 5 \$100% Enclosure Corroded, Extent : Severe, Area Affected : 100% Location : Main Panel In Basement Aged Component, Extent : Severe, Area Affected : 100% Location : Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Panelboards Molded Case Bkrs 100% 0-2 \$7,700 2048 ** 5 \$100000000000000000000000000000000000	
Molded Case Bkrs 100% 0-2 \$7,700 2048 ** 5 \$16 Enclosure Corroded, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Enclosure Corroded, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	_
Location: Main Panel In Basement Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	0
Aged Component, Extent: Severe, Area Affected: 100% Location: Main Panel In Basement Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Wiring Thermoplastic 100% 2033 ** 1 Motor Controllers	
Thermoplastic 100% 2033 ** 1 Motor Controllers	
Motor Controllers	
	_
Locally Mounted 100% 2021 \$14,400 5 \$1	0
Ground	
Grounding Devices	_
Generic 100% Now \$9,500 LIFE ** 5 \$100000000000000000000000000000000000	0
Other Observation, Extent : Severe, Area Affected : 100%	
Location: Basement	
Explanation: Grounding Is Connected To Abandoned Water Service Lighting	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13145

Electrical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	30% Now \$6,900	2033	* *			
	T-8 Lamps And Fixtures, Extent : Ligh Location : Throughout	t, Area Affected :	100%			
Fluorescent	60%	2023	\$13,700	10	\$4,700	
	T-8 Lamps And Fixtures, Extent: Ligh	t, Area Affected :	100%			
	Location: Throughout					
Fluorescent	5%	2019	\$1,100	10	\$400	
	T-12 Lamps And Fixtures, Extent : Lig Location : Basement	ht, Area Affected	: 100%			
Incandescent	5%	2019	\$2,700	2		
	Other Observation, Extent : Light, Are	a Affected : 100%				
	Location: Basement Mechanical Roo	om				
	Explanation: Downlights					
Exterior Lighting						
HID	50% Now \$500	2033	* *			
	Damaged Fixtures, Extent : Severe, Ar	ea Affected : 1009	%			
	Location : Side Yard					
HID	50%	2023	\$500	10		
	Other Observation, Extent : Light, Are	a Affected : 100%				
	Location: Facade And Parking Lot					
	Explanation: Wall Mounted, Control	lled Via Photocell	!			

Mechanical	Cu	rrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2028	\$51,200	1	\$8,400	
Distribution							
Central Plant Steam	100%		2033	* *	4	\$400	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2028	\$42,300	1	\$2,700	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	80%		2019	\$13,200	1		
No Component	20%						
Ventilation							
Exhaust Fans							
Wall Unit	100%		2023	\$2,800	2	\$300	

Plumbing

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

 $Estimates\ are\ rounded\ to\ the\ nearest\ hundred\ dollars.$

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		
	Booster Pump w/Tank, Extent Location : Basement	t : Light, Area Affected	: 100%			
Water Heater						
Gas Fired	100%	2019	\$4,800	2	\$100	
	Other Observation, Extent : L	ight, Area Affected : 1	00%			
	Location: Basement					
	Explanation: 1 - 75 Gallon	Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$300	4	\$300	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 257/LADDER 170 / BATTALION 58

Address : 1361 ROCKAWAY PARKWAY

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.257 / 13146 Yr Built/Renovated : 1907 / 2010

Area Sq Ft : 8,142 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8166 Lot : 33 BIN : 3229407

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$67,300	
Interior Architecture	\$72,900	\$172,900
Electrical	\$15,400	
Mechanical		\$86,000
Total	\$155,600	\$258,800
Importance Code A	\$67,300	\$49,300
Importance Code B	\$88,300	\$90,200
Importance Code C		\$119,400
Total	\$155,600	\$258,800

Total	\$147,500	\$2,700	\$43,100	\$3,000
Importance Code C	\$14,900		\$900	
Importance Code B	\$78,800	\$1,900	\$24,100	\$2,200
Importance Code A	\$53,800	\$800	\$18,100	\$800
Total	\$147,500	\$2,700	\$43,100	\$3,000
Mechanical	\$22,600	\$1,600	\$9,700	\$1,600
Electrical	\$5,500	\$700	\$15,000	\$600
Interior Architecture	\$66,400	\$300	\$1,200	\$800
Exterior Architecture	\$52,900		\$17,300	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13146

Architecture		Current I	Repair	Futur	e Replacement	M	Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Masonry: Brick	87%		\$67,300	LIFE	* *	5	\$22,400		
			: Light, Area Affec						
			t Road Facade And						
		r Miss/Eroo : Through	d, Extent : Moderai	e, Area I	Ајјестеа : 15%				
			oui derate, Area Affec	tad · 200	<u> </u>				
	-		out, Except Front I		o				
Maganny Granita	2%			LIFE	* *	5	\$400		
Masonry: Granite Masonry: Limestone	3%			LIFE	* *	5	\$600		
Metal Sect. OHD	5%			2036	* *	5	\$4,000		
Stucco Cement	3%	4+	\$1,100	2036	* *	5	\$1,000		
States coment			Extent : Light, Are		ed : 15%	5	Ψ1,000		
		: Front Fo		55					
Windows									
Aluminum		Now	\$33,000	2048	* *	5	\$1,000		
	-		ent : Moderate, Are	ea Affecte	ed : 35%				
		: Through							
		ded, Extent : Through	: Severe, Area Aff out	ected : 10	00%				
Wood	30%	Now	\$11,900	2048	* *	5	\$4,200		
	Broken/M	issing Elen	ents, Extent : Seve	re, Area	Affected : 10%				
	Location	: 1st Floo	r Side Facade Near	r Front-	Sash Missing				
	-		, Extent : Moderate	e, Area A	ffected : 100%				
		: Through							
			: Moderate, Area	Affected	: 100%				
	Location	: Through	out						
Parapets Cost Store/Torre Cotto	10%			LIEE	* *	5	¢1 700		
Cast Stone/Terra Cotta	10% 45%	Now	\$5,600	LIFE LIFE	* *	5 5	\$1,700 \$1,000		
Masonry: Brick			\$5,000 d, Extent : Moderat			3	\$1,000		
		: Hose To		e, 111eu 1	ijjeciea . 1570				
Metal Rail	20%			2036	* *	5-10	\$7,800		
Stucco Cement		Now	\$1,400	2036	* *	5	\$7,800 \$700		
Studeo Cement			Extent : Moderate		ffected : 15%	5	Ψ/00		
	_	_	Hose Tower	,					
Roof									
Modified Bitumen	100%			2031	* *	10	\$12,200		
			ent, Extent : Light,	Area Aff	ected : 100%		-		
	Location	: Main Ro	of						

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13146

rchitecture	Current Repair	Future Replacement	Maintenance		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
terior					
Floors Cast in Place Concrete	45% Now \$17,700 Cracking/Crumbling, Extent: Severe, A Location: Apparatus Floor Near Lad	der Truck Bay	5 \$12,400		
	Water Penetration, Extent: Moderate, Location: Basement Other Observation, Extent: Severe, Are	ov			
	Location : Apparatus Floor				
	Explanation: Temporary Shoring In I	Basement			
Ceramic Tile	5%	2026 \$12,200	5 \$600		
Vinyl Tile	50% 2-4 \$26,800 Worn/Eroded, Extent : Moderate, Area Location : Throughout	2028 \$53,500 Affected: 75%	3 \$2,400		
Interior Walls					
Ceramic Tile	25% Now \$6,000 Cracking/Crumbling, Extent: Moderate Location: Ladder Truck Side And At		5 \$2,200		
Ceramic Tile	10% Recent Construction, Extent: Light, Ar. Location: Handicap Restroom And K		5 \$1,700		
Masonry: Brick	35% 2-4 \$4,700 Spalling, Extent: Moderate, Area Affect Location: Basement Front Wall	LIFE ** cted : 5%			
Plaster	30% Now \$4,200 Cracking/Crumbling, Extent: Moderate Location: Throughout	LIFE ** e, Area Affected : 5%	5 \$1,600		
Ceilings					
AcousTileSusp.Lay-In	5% Now \$5,100 Broken/Missing Elements, Extent: Mod Location: 2nd Floor Offices Staining/Discoloring, Extent: Light, Ar	rea Affected : 5%	5 \$300		
A 77'1 C I I	Location: 2nd Floor Offices And 1st		σ		
AcousTileSusp.Lay-In Embossed Metal	5% 35%	2040 ** LIFE **	5 \$600 5 \$2,000		
Exposed Concrete	30% Now \$72,900 Corrosion/Rusting, Extent: Severe, Are Location: Steel Beam At Front Wall	LIFE **	5 \$600		
	Spalling, Extent : Severe, Area Affected Location : Basement Throughout				
	Other Observation, Extent: Severe, Are Location: Basement Explanation: Temporary Supports Un				
Plaster	25% Now \$2,100 Cracking/Crumbling, Extent: Moderate Location: Throughout	LIFE **	5 \$2,000		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13146

Electrical	Current Repair	Futur	re Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment				_		
Fused Disc Sw	100%	2049	**	5		
	Recent Installation, Extent : Light, Area Location : Basement Electrical Section		1:100%			
	Other Observation, Extent: Light, Area		1 · 100%			
	Location: Basement Electrical Section		1.100/0			
	Explanation: 400 Amp					
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Molded Case Bkrs	60%	2039	* *	5	\$100	
Molded Case Bkrs	40%	2022	\$15,400	5	\$100	
Wiring	000/	• • • •				
Thermoplastic	90%	2023	\$24,900 * *	1		
Thermoplastic	10%	2049	* *	1		
Motor Controllers	100%	2021	¢1.4.400	5	\$100	
Locally Mounted Ground	100%	2021	\$14,400	5	\$100	
Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$100	
Stand-by Power	100/0				Q100	
Transfer Switches						
Automatic	100%	2040	* *	1	\$2,500	
	Recent Installation, Extent: Light, Area	Affected	l : 100%			
	Location : Basement					
	Other Observation, Extent : Light, Area	Affected	l : 100%			
	Location: Basement					
Comment	Explanation: 400 Amp					
Generators Diesel	100%	2036	* *	1	\$3,200	
Diesei	Recent Installation, Extent : Light, Area		1 · 100%	1	\$5,200	
	Location : Side Yard, Inaccessible	11990000	. 100/0			
	Other Observation, Extent : Light, Area	Affected	l : 100%			
	Location : Side Yard, Inaccessible	55				
	Explanation: Unable To Read Size					
Batteries						
Not Accessible	100%					
Fuel Storage	2007	• • • •		_	***	
Day Tank	20%	2045	* *	5	\$300	
	Other Observation, Extent : Light, Area Location : Side Yard	Affectea	1:100%			
	Explanation: 120 Gallon Diesel Fuel	Tanb				
Main T1-			* *	-	\$200	
Main Tank	80% Other Observation, Extent: Light, Area	2038		5	\$200	
	Location : Basement	тујестеи	. 100/0			
	Explanation: 550 Gallon Diesel Fuel	Tank				
Lighting	Explanation : 550 Guiton Dieset I uct	- www				

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 257/LADDER 170 / BATTALION 58

Asset #: 13146

lectrical	Current Rep	air	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ghting							
Interior Lighting							
Fluorescent	5%		2023	\$1,100	10	\$400	
	T-12 Lamps And Fixture	s, Extent : Light	t, Area Ą	ffected : 100%			
	Location: Basement						
Fluorescent	80%		2028	\$17,600	10	\$6,000	
	T-8 Lamps And Fixtures	, Extent : Light,	Area Afj	fected : 100%			
	Location: Throughout						
Fluorescent	10% Now	\$2,200	2033	* *			
	T-8 Lamps And Fixtures			fected : 100%			
	Location : Throughout						
	Other Observation, Exte	nt : Severe, Are	a Affecte	d: 100%			
	Location: Throughout						
	Explanation: Burnt Of	ut					
Incandescent	2% Now	\$1,000	2033	* *	2		
	Other Observation, Exte	nt : Severe, Are	a Affecte	d: 100%			
	Location: Basement						
	Explanation: Burnt Of	ut					
Incandescent	3%		2019	\$1,600	2		
Egress Lighting							
Emergency, Service	100%		2023	\$4,000	1		
Exterior Lighting							
Incandescent	100%		2023	\$26,100	2		
	Other Observation, Exte	_	Affected	: 100%			
	Location : Facade Ana	l Side Yard					
	Explanation: Wall Mo	unted, Controll	ed Via Ti	ime Clock			

Mechanical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil	100%	2033	* *	5	\$2,500	
	Other Observation, Extent : Ligh	t, Area Affected	: 100%			
	Location : Vault					
	Explanation: 1,800 Gallon Tax	nk				
Conversion Equipment						
Steam Boiler	100%	2028	\$49,300	1	\$8,100	
Distribution						
Central Plant Steam	100%	2033	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	90%	2028	\$36,700	1	\$2,400	
Fan Coil Unit/Heat	10%	2019	\$11,400	1	\$300	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13146

Mechanical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Exterior Pkg Unit - Cooling	20%		2028	\$12,300	2	\$100	
		ervation, Extent : Light, Area	Affected	l : 100%			
		: 1st Floor					
		tion: 2 - Split Units					
Window/Wall Unit	60%		2019	\$9,500	1		
No Component	20%						
Distribution 1.75:cc	100/		LIDE	* *	2	Ø1 100	
Ductwork/Diffusers	10% 90%		LIFE	* *	2	\$1,100	
No Component Terminal Devices	90%						
Air Handler/Dir	10%		2028	\$6,800	1		
Expansion	1070		2020	ψο,σσσ	•		
No Component	90%						
Heat Rejection							
Dry Cooler	20%		2028	\$6,600	2	\$1,100	
		ervation, Extent : Light, Area	Affected	l : 100%			
		: 1st Floor					
	Explanai	tion: 2 - Split Units					
No Component	80%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,500	
Exhaust Fans	000/		2020	011 400	2	#200	
Roof	90%		2028	\$11,400	2	\$200	
Wall Unit	10%		2023	\$300	2		
Plumbing H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater	10070		2033		1		
Gas Fired	100%		2021	\$4,600	2	\$100	
		ervation, Extent : Light, Area				4	
		: Basement	00				
	Explana	tion : 2 - 75 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$300	4	\$300	
Backflow Preventer	o =c :						
No Component	95%		2020	0100			
Generic	5%	compation Estate 1. 1. A	2028	\$100	1		
		ervation, Extent : Light, Area : : Basement	i Affectea	1:100%			
		: Basement tion : Serves Boiler Only					
	Expianai	non . Serves botter Only					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 257/LADDER 170 / BATTALION 58

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent : Light, Area	a Affected : 10	0%			
	Location: Kitchen					
	Explanation: Serves Cooking Area					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - FY 2018 Print Date: 13-Oct-2017

Asset Name : ENGINE CO. 258/LADDER CO. 115

Address : 10-10 47TH AVENUE

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.258 / 13147 Yr Built/Renovated : 1903 / 2009

Area Sq Ft : 10,491 **Project Type** : FIRE DEPARTMENT **Date of Survey** : 10-Jun-2015 **Landmark Status** : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block Lot BIN : 4000333 : 34

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$155,800	
Interior Architecture	\$76,300	
Mechanical	\$72,600	
Total	\$304,700	
Importance Code A	\$155,800	
Importance Code B	\$148,900	
Total	\$304.700	

\$304,700

ance Code A	\$3,400 \$127,700 \$56,800	\$1,800 \$2,600 \$500	\$15,500 \$54,600 \$9,700	\$1,600 \$2,400 \$500
nical				
nical	\$3,400	\$1,800	\$15,500	\$1,600
		44.000	015 500	#1 600
cal	\$9,600	\$800	\$29,900	\$800
r Architecture	\$58,400			
or Architecture	\$56,300		\$9,200	
		FY 2020	FY 2021 \$9,200	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

rchitecture		Current Repair		Futur	e Replacement	M			
rstem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Exterior Walls						_	** ***		
Cast Stone/Terra Cotta	3%		**	LIFE	* *	5	\$9,100		
Masonry: Brick	75%	Now	\$95,900	LIFE	**	5	\$29,200		
			xtent : Moderate		•				
	Location: Northwest Corner Including Street Side Parapet								
	_		ent : Severe, Are	a Affecte	ed: 2%				
		: East Facad							
			ent : Moderate, A	Area Affe	cted : 10%				
		: Various Lo							
		on : Water Ii	ıfiltration Durin		Rain Observed By				
Masonry: Granite	2%			LIFE	* *	5	\$600		
Masonry: Limestone	10%	0-2	\$10,300	LIFE	* *	5	\$2,900		
	_	scoloring, E. : Front Faca	xtent : Moderate de.	, Area A	ffected : 10%				
Metal Sect. OHD	5%			2031	* *	5	\$6,100		
Stucco Cement	5%			2031	* *	5	\$4,900		
	_	rvation, Exte	ent : Light, Area		: 100%	-	4 1,5 1 1		
		: 4th Floor B		55					
	Explanati	on : Stucco 1	Located At 4th F	loor Obs	erved From Roof.				
Windows									
Aluminum	100%	Now	\$18,600	2042	* *	5	\$1,000		
	Unit Inoper	able, Extent	: Moderate, Are	a Affecte	ed : 30%				
	Location : Throughout								
Parapets									
Metal Panel	70%			2036	* *	5	\$7,400		
Metal Rail		Now	\$1,200	2031	* *	5	\$5,800		
		_	nt : Light, Area	Affected	: 5%				
	Location .	: At The Corn	ners.						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Architecture		Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
Exterior										
Roof										
Built-Up (BUR)		Now	\$18,000	2021	\$59,900					
			re, Area Affected	: 25%						
		: Main Ro	-	1.00	1 250/					
			nt : Moderate, Are		ed: 25%					
			Front Of Building		/					
	_	Ponding, Extent: Moderate, Area Affected: 15% Location: Various Locations								
		etration, E. : Main Ro	xtent : Moderate, A of	Area Affe	cted : 50%					
		ervation, E : Main Ro	xtent : Severe, Are of	a Affecte	d : 100%					
	Explana	tion : Poor	Installation On Re	placemei	nt Roof.					
Metal Panel	10%			2039	* *	10	\$2,600			
Skylight, Metal/Glass	5%	Now	\$5,700	2036	* *					
	Water Penetration, Extent : Moderate, Area Affected : 50% Location : Main Roof									
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Over Stair.									
	Explana	tion : Need:	Complete Re-cau	lking.						
Interior			-							
Floors										
Cast in Place Concrete	40%			LIFE	* *	5	\$13,700			
Ceramic Tile		Now	\$2,500	2029	* *	5	\$1,200			
	Cracking/Crumbling, Extent: Light, Area Affected: 5%									
	Location	: Kitchen.								
Wood	45%	0-2	\$76,300	2041	* *	5	\$6,600			
	Deteriorated Finish, Extent: Moderate, Area Affected: 75%									
	Location: 1st And 2nd Floor.									
		s Fasteners : Various I	, Extent : Light, A Locations	rea Affec	ted : 25%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13147

Architecture	Current Repa	ir	Future	Replacement	M		
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls Ceramic Tile	10%		2029	* *	5	\$3,200	
Concrete Masonry Unit	20% 4+ Staining/Discoloring, Externation: Basement Water Penetration, Extent Location: Basement	ent : Light, Area			5	\$2,600	
Gypsum Board	10% Now Cracking/Crumbling, Exte Location: Various Loca	ent : Moderate,	LIFE Area Afj	* * fected : 5%	5	\$1,900	
Masonry: Brick	20% Paint Peeling, Extent : Lig Location : Apparatus Ro	ght, Area Affect	LIFE ed : 25%	**			
Plaster	40% Now Water Penetration, Extent Location: 3rd Floor Un	: Moderate, Ar	00		5 Other Loc	\$3,900 <i>eations.</i>	
Ceilings							
AcousTileSusp.Lay-In	35% Now Broken/Missing Elements, Location: Various Loca Staining/Discoloring, Exte Location: 2nd, 3rd And	tions Througho ent : Moderate,	ut. Area Afj	fected : 35%	5	\$2,700	
Embossed Metal	45% Now Broken/Missing Elements, Location: 4th Floor And Deformed/Dented, Extent Location: 4th Floor And Staining/Discoloring, Exte Location: 4th Floor And	Extent : Light, l Apparatus Roo : Moderate, Are l Apparatus Roo ent : Moderate,	om ea Affect om Area Af	ted : 10%	5	\$3,200	
Exposed Struc: Steel	15% Now Other Observation, Extend Location: 3rd Floor, Re Explanation: Rusted Lin	t : Light, Area A ar Wall And Ba	isement	* *			
Plaster	5% Now Horizontal Cracks, Extent Location : Truck Bay Sto	: Light, Area A			5	\$500	

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13147

Electrical	Current Repair	Future Rep	lacement	М		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Ligh Location : Basement Explanation : 800 Amperes Ser		**	5		
Switchgear / Switchboard Molded Case Bkrs	100%	2046	* *	5	\$300	
Raceway	10070	2040			\$300	
Conduit	90%	2036	* *	1		
Conduit	10%	2046	* *	1		
Panelboards	1070	2040				
Fused Disc Sw	10%	2034	* *	5		
Molded Case Bkrs	90%	2034	* *	5	\$200	
Wiring Thermoplastic	100%	2036	* *	1	Ψ200	
Motor Controllers	10070	2030		1		
Locally Mounted	100%	2031	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches Automatic	100% Other Observation, Extent : Light Location : Basement	2039 t, Area Affected : 1009	**	1	\$3,200	
	Explanation: 400 Amp					
Generators Diesel	100% Other Observation, Extent: Light Location: Basement Explanation: 250kw	2029 t, Area Affected : 1009	**	1	\$4,100	
Batteries						
Lead/Acid	100%	2019	\$1,600	5	\$400	
Fuel Storage Day Tank	100% Other Observation, Extent : Ligh Location : Outside Rear Yard Explanation : 125 Gallons	2034 t, Area Affected : 1009	**	5	\$1,900	
Lighting						
Interior Lighting Fluorescent	90% T-5 Lamps And Fixtures, Extent : Location : Throughout	2026 Light, Area Affected	\$27,900 : 100%	10	\$8,700	
Incandescent	10%	2021	\$7,300	2		
Egress Lighting			. , *			
Emergency, Battery	50%	2026	\$7,700	10	\$1,300	
Exit, Battery	50%	2026	\$2,100	10	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13147

Electrical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	50%			2021	\$21,600	10		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%	4+	\$5,900	2036	* *	1-3	\$300	
	Local/Batte	ery Operated .	Detect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: Throughout						

Mechanical		Current R	epair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	\$5,200	
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	\$500	
Terminal Devices								
Convector/Radiator	90%			2039	* *	1	\$3,100	
Unit Heater - Steam	10%			2031	* *	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Exterior Pkg Unit -	95%	2-4	\$72,600	2036	* *	2	\$500	
Cooling		_						
			ent : Light, Area A	ffected :	100%			
		: 7 Roof U						
			xtent : Moderate, A	Area Affe	ected : 100%			
	Location							
		ion : On Ex	tended Life					
Window/Wall Unit	5%			2021	\$1,100	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,700	
Ventilation								
Distribution						_		
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	
Exhaust Fans								
Interior	50%			2026	\$19,100	2	\$200	
Roof	50%			2021	\$8,900	2	\$200	
Plumbing								
H/C Water Piping				•				
Brass/Copper	100%			2052	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical	Current Rep	Current Repair		e Replacement	M		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Water Heater							
Gas Fired	100%		2024	\$6,500	2	\$200	
	Other Observation, Exte	ent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: 2 - 75 G	allon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
	Other Observation, Exte	ent : Moderate, A	rea Affe	cted : 100%			
	Location: Basement						
	Explanation: Combine	ation Sewer Back	ks Up Di	uring Heavy Rains			
Storm Drain Piping							
Cast Iron	100% 0-2	\$2,200	LIFE	* *	1		
	Blockage /Clogged, Exte	ent : Light, Area	Affected	! : 20%			
	Location : Roof Drain						
Sump Pump(s)							
Submersible	100%		2020	\$400	4	\$300	
Backflow Preventer							
Generic	100%		2034	* *	1	\$600	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%		2052	* *	1-2	\$2,900	
	Other Observation, Exte	ent : Light, Area	Affected	: 100%		•	
	Location: Kitchen	_	-				
	Explanation : System S	Serves Cooking A	Area				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 259/LADDER CO. 128 /BATTALION 45

Address : 33-49 GREENPOINT AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 15,800 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 307 Lot : 29 BIN : 4003673

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,000	\$900		\$12,500
Interior Architecture	\$19,700	\$5,100	\$3,300	
Electrical	\$1,200	\$1,400	\$3,000	\$16,900
Mechanical	\$12,900	\$2,300	\$8,100	\$2,800
Total	\$45,800	\$9,800	\$14,400	\$32,200
Importance Code A	\$12,800	\$1,700	\$800	\$13,300
Importance Code B	\$21,200	\$8,000	\$13,600	\$18,900
Importance Code C	\$11,800			
Total	\$45,800	\$9,800	\$14,400	\$32,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13148

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	Location Facade L Caulking	pair Evider 1: Mortar J In Driving I Deteriorate	\$5,100 nt, Extent : Light, A Joints Sealed On St Rain Storms nd, Extent : Modera	reet Fac	ade. Previous Wate	5 er Penetr	\$8,400 ation Throughout	
		: At Windo	ow Lintels					
Masonry: Brick Cavity	10%			LIFE	* *	5	\$1,200	
Masonry: Limestone	2%			LIFE	* *	5	\$200	
	Water Per	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: At Third	Floor Window Lin	tels				
Metal Panel	10%			2047	* *	5-10	\$8,300	
Metal Sect. OHD	5%			2040	* *	5	\$1,900	
Pre-Cast Concrete	3%			LIFE	* *	5	\$1,200	
Windows								
Aluminum	100%	Now	\$800	2043	* *	5	\$200	
		trip Missin : Through	g, Extent : Modera out	te, Area	Affected : 75%			
Parapets	100/	2.4	0.400		ماد ماد	_	01 100	
Cast Stone/Terra Cotta			\$400 ed, Extent : Modera acade	LIFE te, Area	* * Affected : 5%	5	\$1,100	
Masonry: Brick Cavity	65%			LIFE	* *	5	\$900	
Metal Panel	5%			2053	* *	5	\$300	
	Other Obs Location		•		! : 100%		****	
Metal Panel	20%		1 0	2047	* *	5	\$1,100	
Roof	2070			2017			Ψ1,100	
IRMA/Protected Membrane	5%	4+	\$200	2027	\$5,000			
	_		Extent : Light, Area oof Above Kitchen	Affected	l : 20%			
Modified Bitumen	77%			2032	* *	10	\$9,600	
Plaza Roof: Stone Panel	s 15%			2047	* *			
Skylight, Metal/Glass	3%	Now	\$5,500	2047	* *			
		netration, E 1 : Kitchen	xtent : Severe, Are Skylight	a Affecte	d : 20%			
terior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$21,500	
Ceramic Tile	30%			2036	* *	5	\$6,500	
					* *	5	\$10,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13148

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	15%		*	LIFE	* *	_		
Ceramic Tile	5%		\$10,500	2036	**	5	\$600	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 15%							
	Location : Stairs To Basement Loose/Delam Surface, Extent : Moderate, Area Affected : 10%							
		-		e, Area A	Affected: 10%			
			d Floor Bathroom	. 1 1	ffeeted . 200/			
	_	nscoioring, i : Apparati	Extent : Moderate	, Area Ą	jjeciea : 30%			
			is Room	LIEE	* *		Ф1 000	
Concrete Masonry Unit	10%		¢1 200	LIFE	* *	5	\$1,000	
Gypsum Board	64% Water Per		\$1,300 extent : Light, Area	LIFE		5	\$9,700	
		ı : 3rd Floo		Ајјестеи	. 570			
Metal Panel	1%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location	: 1st Floor	r Housewatch					
	Explana	tion : Stain	less Steel Panels					
Wood	5%			LIFE	* *	5	\$5,100	
Ceilings								
Acous TileSusp.Lay-In	15%	4+	\$1,300	2040	* *	5	\$1,600	
	Staining/Discoloring, Extent: Light, Area Affected: 2%							
	Location: 2nd And 3rd Floor Offices							
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	60%	4+	\$6,600	LIFE	* *	5	\$16,400	
	Water Penetration, Extent: Moderate, Area Affected: 5%							
	Location: 3rd Floor Bathroom, 3rd Floor Front							
			Extent : Moderate, A	Area Affe	ected : 5%			
			r Bunkroom					
	Explana	tion : Paint	Peeling					

lectrical	Current Repair	Future Replacement	Maintenance		
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2047 **	5	\$100	
	Other Observation, Extent: Moderate, A	Area Affected : 100%			
	Location : Electrical Room				
	Explanation: Main Service Disconnec	rt Switch Rated @ 600 Amp	eres.		
Switchgear / Switchboard					
Molded Case Bkrs	100%	2047 **	5	\$400	
Raceway					
Conduit	100%	2047 **	1		
Panelboards					
Molded Case Bkrs	100%	2043 **	5	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13148

Electrical	Current Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Wiring Thermoplastic	100%	2047	* *	1			
Motor Controllers Locally Mounted	100%	2040	* *	5	\$100		
Ground	10070				\$100		
Grounding Devices Generic	100%	LIFE	* *	5	\$200		
Stand-by Power							
Transfer Switches Automatic	100%	2040	* *	1	\$4,900		
Generators							
Diesel	100% Other Observation Extent : Moderate	2036 Area Affe	**	1	\$6,100		
	Other Observation, Extent: Moderate, Area Affected: 100% Location: Basement						
Batteries	Explanation : Emergency Generator	Kaiea @ 1	OUKW				
Lead/Acid	100%	2021	\$1,500	5	\$600		
Fuel Storage	-00/	• • • •	de de	_	4. - 00		
Day Tank	50%	2043	**	5	\$1,500		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Basement						
	Explanation: 60 Gallons Rated Cape	ıcity					
Main Tank	50% Other Observation, Extent: Moderate, Location: Basement	2055 Area Affec	* * cted : 100%	5	\$200		
	Explanation : 550 Gallons Rated Cap	pacity					
Lighting Interior Lighting							
Fluorescent	99% T-8 Lamps And Fixtures, Extent: Mod Location: Throughout The Building	2032 erate, Area	* * a Affected : 100%	10	\$14,300		
Fluorescent	1%	2032	* *	10	\$100		
Tiuoteseeni	Compact Fluorescent Light, Extent: Moderate, Area Affected: 100% Location: Shower Room						
Egress Lighting							
Emergency, Service	25%	2032	* *	1			
Emergency, Battery	25%	2032	* *	10	\$1,000		
Exit, LED	50%	2055	* *	1			
Exterior Lighting HID	20%	2032	* *	10			
No Component	80%						

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 259/LADDER CO. 128 /BATTALION 45

Asset #: 13148

ectrical Current Repair		Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
No Component	90%					
Generic	10%	2032	* *	1	\$600	
	Other Observation, Extent: Moder	ate, Area Affect	ed : 100%			
	Location : Outside					
	Explanation: CCTV Surveillance	Camera				
Fire/Smoke Detection						
No Component	95%					
Generic, Analog	5%	2027	\$8,200	1-3	\$500	
,	Other Observation, Extent: Moder	ate, Area Affect	ed : 100%			
	Location: 1st Floor					
	Explanation : Alarm Bells					

Mechanical		Current Rep	oair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2053	* *	1		
Conversion Equipment Hot Water Boiler	100%			2040	* *	1	\$7,800	
Distribution Hot Wtr Piping/Pump	90%			2049	* *	4	\$700	
Hot Wtr Piping/Pump	Other Obs		\$2,300 ent : Severe, Are	2052 a Affecte	* * d : 100%	4	\$100	
		: Third Floor ion : Rupture	e e					
Terminal Devices Convector/Radiator	50%			2040	* *	1	\$2,600	
Convector/Radiator	10%	0-2	\$7,900 re, Area Affected	2047	* *	1	\$500	
		: Third Floor		i. 10070	•			
Fan Coil Unit/Heat	40%			2032	* *	1	\$2,000	
Air Conditioning Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment Exterior Pkg Unit -	70%			2032	* *	2	\$700	
Cooling Split Unit No Component	5% 25%			2032	* *			
Distribution	2270							
Ductwork/Diffusers No Component	70% 30%			LIFE	* *	2	\$14,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 259/LADDER CO. 128 /BATTALION 45

Asset #: 13148

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning							
Heat Rejection							
Dry Cooler	5%	2032	* *	2	\$600		
No Component	95%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,800		
Exhaust Fans	-00/	• • • •	4. 4.	_	4400		
Interior	20%	2032	**	2	\$100		
Roof	80%	2032	* *	2	\$400		
Plumbing							
H/C Water Piping	1000/	20.47	* *	1			
Brass/Copper	100%	2047	* *	1			
Water Heater	1000/	2026	¢0,000	2	¢200		
Gas Fired	100%	2026	\$9,000	2	\$200		
	Other Observation, Extent : I Location : Cellar	Lignī, Area Ајјества : 100°	% 0				
		II					
C ', D' '	Explanation : Two 75 Galle	on Heaters					
Sanitary Piping	1000/	LIDE	* *	1			
Cast Iron	100%	LIFE		1			
Storm Drain Piping	100%	LIFE	* *	1			
Cast Iron	100%	LIFE		1			
Sump Pump(s) Submersible	1000/	2021	\$500	4	\$300		
	100%	2021	\$500	4	\$300		
Backflow Preventer	100%	2035	* *	1	¢1,000		
Generic	Other Observation, Extent : I Location : Cellar			1	\$1,000		
	Explanation: Backflow Pre	eventers On Domestic Wat	er, Sprinkle	r And Bo	iler Water Feeds		
Fixtures	1 y y		, F				
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%	2053	* *	1-2	\$4,400		
-		Other Observation, Extent : Light, Area Affected : 100%					
	Location: Throughout	- 50					
	Explanation : Building Ful	ly Sprinklered Including C	Cellar				
Chemical System							
Wet	100%	2025	\$2,100	1-3	\$4,600		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 26

Address : 220 WEST 37th STREET BET 7TH AVE AND 8TH AVE

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 7,221 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 786 Lot : 61 BIN : 1014447

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$80,000	\$98,700
Interior Architecture	\$41,300	\$26,700
Mechanical	\$36,100	
Total	\$157,400	\$125,400
Importance Code A	\$80,000	\$98,700
Importance Code B	\$77,400	\$26,700
Total	\$157,400	\$125,400

Total	\$122,200	\$1,200	\$7,500	\$30,700
Importance Code C	\$24,900			
Importance Code B	\$57,400	\$500	\$6,800	\$30,000
Importance Code A	\$39,900	\$700	\$700	\$700
Total	\$122,200	\$1,200	\$7,500	\$30,700
Mechanical	\$14,200	\$1,200	\$5,700	\$1,200
Electrical	\$27,300		\$1,700	\$28,900
Interior Architecture	\$41,500		\$100	\$600
Exterior Architecture	\$39,200			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 26

Asset #: 13019

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Cast Iron	5%	ФОО ООО	LIFE	* *	_	#2 < 500	
Masonry: Brick	85% 2-4 <i>Jnt Mortar Miss/Erod, E</i>	\$80,000 Extent : Moderat	LIFE		5	\$26,500	
	Location: Front And I		e, Areu A	Hecieu . 2070			
	Staining/Discoloring, E.		Area At	fected : 20%			
	Location : Front And I		5.	,			
	Other Observation, Exte	nt : Severe, Ared	ı Affecte	d : 2%			
	Location: Front						
	Explanation: Entranc	e Door Damaged					
Wood Overhead Doors	10%		2028	\$98,700	5	\$15,600	
Windows Aluminum	100% Now	\$27.700	2031	* *	5	\$600	1
Aluminum	Air Infiltration, Extent:	\$27,700 Severe Area Afi			3	\$000	1
	Location: Throughout		cerea . s	0,0			
	Broken/Missing Elemen		e, Area	Affected : 40%			
	Location : 3rd Floor F	ront Office And	Through	out			
Parapets					_	****	
Cast Stone/Terra Cotta	10%		LIFE	* *	5	\$600	
Masonry: Brick	85% Int Martar Miss/Frad B	Extent : Moderat	LIFE		5	\$700	
	Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 0% Location : Throughout						
	Worn/Eroded, Extent : M		Affected :	0%			
	Location: Throughout						
Metal Cornice	5% Now	\$1,200	2038	* *			
	Corrosion/Rusting, Exte		rea Affe	cted : 35%			
	Location : Front Faca	de					
Roof	5% Now	\$600	2026	¢1 100			
Asphalt Shingle	3% NOW Cracking/Crumbling, Ex			\$1,100 Fected : 20%			
	Location: Throughout		717 Cu 71j	,eereu . 2070			
	Water Penetration, Exte		rea Affe	cted : 20%			
	Location: Throughout						
Modified Bitumen	90%		2028	\$34,700	10	\$6,000	
Skylight, Metal/Glass	5% 2-4	\$9,800	2033	* *			
	Corrosion/Rusting, Exte Location: Main Roof	nt : Moderate, A	rea Affe	cted : 50%			
	Deformed/Dented, Exter	it : Moderate. Ai	ea Affec	ted : 50%			
	Location : Main Roof	,	33				

 $All\ component\ repairs\ \$\ estimates\ are\ in\ current\ dollars\ and\ are\ not\ escalated\ for\ potential\ future\ inflation.$ Note:Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 26

Asset #: 13019

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
nterior				
Floors				
Cast in Place Concrete	20% 0-2 \$1,100 Cracking/Crumbling, Extent: Light, A Location: Throughout		5 \$4,700	
Ceramic Tile	15% Recent Replace Evident, Extent : Light Location : Throughout	2038 ** at, Area Affected : 100%	5 \$1,600	
Vinyl Tile	45% Now \$41,300 Worn/Eroded, Extent : Moderate, Are Location : Ist, 2nd And 3rd Floors	a Affected : 100%	3 \$1,800	
Vinyl Tile	10% Recent Replace Evident, Extent : Light Location : Throughout	2033 ** at, Area Affected : 100%	3 \$400	
Wood	10% Recent Installation, Extent : Light, Ar Location : Throughout	2063 ** ea Affected : 100%	5 \$2,000	
Interior Walls				
Ceramic Tile	20% Recent Replace Evident, Extent: Light Location: Throughout	2038 ** at, Area Affected : 100%	5 \$2,900	
Masonry: Brick	10% Now \$5,600 Cracking/Crumbling, Extent: Light, A Location: Front And Back Of Build Water Penetration, Extent: Light, Ard Location: Throughout Front And B	Area Affected : 10% ing In Basement ea Affected : 20%		
Plaster	55% Now \$12,800 Cracking/Crumbling, Extent: Modera Location: 2nd And 3rd Floors Staining/Discoloring, Extent: Modera Location: 2nd And 3rd Floors Thro	nte, Area Affected : 30% nte, Area Affected : 40%	5 \$2,400	
SGFT/Glazed Masonry	10% Now \$5,600 Cracking/Crumbling, Extent: Light, A Location: 1st Floor			
Wood	5% Now \$800 Broken/Missing Elements, Extent: Li, Location: 3rd Floor Behind Cab		5 \$2,900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 26

Asset #: 13019

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	30% Now	\$10,700	2028	\$26,700	5	\$1,700	
	Broken/Missing Elemen	nts, Extent : Mode	erate, Ar	ea Affected : 40%			
	Location: Basement,	1st, 2nd And 3rd	Floors 7	Throughout			
	Staining/Discoloring, E	Extent : Moderate	, Area Aj	ffected : 60%			
	Location: Basement,	1st, 2nd And 3rd	Floors				
AcousTileSusp.Lay-In	20%		2043	* *	5	\$2,200	
	Recent Replace Evident, Extent : Light, Area Affected : 100%						
	Location : Throughou	ıt					
Embossed Metal	20% Now	\$4,800	LIFE	* *	5	\$1,000	
Emoossed Wetar	Corrosion/Rusting, Ext	*)		cted : 30%		Ψ1,000	
	Location : 1st Floor	om i moderane, n	1.00.11990	0.00.00			
	Staining/Discoloring, Extent: Moderate, Area Affected: 60%						
	Location : 1st Floor	zaieni . Moderdie	, 1116411	yecieu . 0070			
Expand Caparata	10%		LIFE	* *	5	\$200	
Exposed Concrete				* *	-		
Plaster	20%		LIFE	4. 4.	5	\$1,400	

Electrical	Current R	Current Repair Futur		e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2023	\$4,800	5		
	Other Observation, Ex	ctent : Light, Area	Affected	: 100%			
	Location: Basement	•					
	Explanation: 200 A	тр					
Raceway							
Conduit	50%		2049	* *	1		
Conduit	50%		2033	* *	1		
Panelboards							
Fused Disc Sw	10%		2022	\$3,800	5		
Fused Disc Sw	5%		2031	* *	5		
Molded Case Bkrs	65%		2022	\$25,000	5	\$100	
Molded Case Bkrs	20%		2045	* *	5		
Wiring							
Thermoplastic	20%		2033	* *	1		
Thermoplastic	10%		2049	* *	1		
Thermoplastic	70%		2023	\$19,400	1		
Motor Controllers							
Locally Mounted	100%		2028	\$14,400	5		
Ground							
Grounding Devices							
Generic	100% Now	\$9,500	LIFE	* *	5	\$100	
	Other Observation, Ex	ctent : Severe, Arec	a Affecte	d: 100%			
	Location: Basement						
	Explanation: Groun	d Conductor Is No	t Conne	cted To The Main	Water Se	rvice.	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 26

Asset #: 13019

lectrical	Current Repair		Future Replacement		Maintenance				
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ghting									
Interior Lighting									
Fluorescent	25%		2019	\$4,900	10	\$1,700			
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location: Throughout	t The Building							
Fluorescent	25%		2031	* *	10	\$1,700			
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location: 2nd And 3rd Floor Bathrooms, 3rd Floor Dormitory And Laundry Room								
Fluorescent	30%		2019	\$5,900	10	\$2,000			
	T-12 Lamps And Fixture	es, Extent : Ligh	t, Area Af	fected : 100%					
	Location : Throughout	t The Building							
Fluorescent	15% Now	\$2,900	2033	* *					
	T-12 Lamps And Fixtures, Extent: Light, Area Affected: 100%								
	Location: 1st Floor Garage, 2nd And 3rd Floor								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: 1st Floor Garage, 2nd And 3rd Floor								
	Explanation : Not Wor	_							
Incandescent	5%		2023	\$2,300	2				
Egress Lighting									
Emergency, Service	50%		2031	* *	1				
No Component	50%								
Exterior Lighting									
HID	100% Now	\$400	2033	* *					
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location: Facade								
	Explanation: Floodlig	ghts, Controlled	Via Photo	ocell					

Mechanical	echanical Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$7,200	
Distribution							
Central Plant Steam	100%		2033	* *	4	\$400	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2021	\$36,100	1	\$2,300	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 26

Asset #: 13019

Mechanical		Current Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date Estimated ((Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit -	40%		2028	\$21,900	2	\$200		
Cooling								
Window/Wall Unit	50%		2019	\$7,000	1			
No Component	10%							
Distribution 1/Disc	200/		LIEE	* *	2	Φ1 000		
Ductwork/Diffusers	20%		LIFE	* *	2	\$1,900		
No Component	80%							
Heat Rejection	200/		2029	¢((00	2	¢1.000		
Dry Cooler	20%	amortian Entant Light	2028	\$6,600	2	\$1,000		
	Location	ervation, Extent : Light,	Агей Ајјестей	. 100%				
			Unite Same Ar	eas On 2nd And 3	rd Floor			
N. C		ion . K - 410 A / 2 Spiii	Onus Serve Ar	eus On 2na Ana 3	14 T 1001			
No Component	80%							
Ventilation Exhaust Fans								
Roof	15%		2028	\$1,700	2			
No Component	85%		2028	\$1,700	2			
Plumbing	0370							
H/C Water Piping								
Brass/Copper	100%		2043	* *	1			
Water Heater								
Gas Fired	100%		2021	\$4,100	2	\$100		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location	: Basement						
	Explanat	ion : 2 - 75 Gallon Units	8					
Sanitary Piping								
Cast Iron	25%	2-4 \$6,2	200 LIFE	* *	1			
	Other Obs	ervation, Extent : Modei	rate, Area Affe	cted : 50%				
		: Basement						
	Explana	ion : Patches And Broke	n Hubs On Mo	ain Horizontal Dro	ain			
Cast Iron	75%		LIFE	* *	1			
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1			
Backflow Preventer								
No Component	95%							
Generic	5%		2028	\$100	1			
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 260 Address : 11-15 37th AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.260 / 13149 Yr Built/Renovated : 1939 /

Area Sq Ft : 6,488 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 352 Lot : 35 BIN : 4004305

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$98,900	\$160,900
Interior Architecture	\$130,000	
Electrical		\$7,700
Total	\$228,900	\$168,600
Importance Code A	\$98,900	\$160,900
Importance Code B	\$130,000	\$7,700
Total	\$228,900	\$168,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,000			
Interior Architecture	\$55,800	\$1,600	\$800	\$22,500
Electrical	\$15,100	\$100		\$3,200
Mechanical	\$1,100	\$1,200	\$900	\$17,300
Site Pavements	\$6,200			
Total	\$109,100	\$3,000	\$1,700	\$43,100
Importance Code A	\$31,600	\$600	\$600	\$700
Importance Code B	\$60,100	\$2,300	\$500	\$42,400
Importance Code C	\$17,400		\$600	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 260

Asset #: 13149

Architecture		Current Rep	oair	Future	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick		Now	\$98,900	LIFE	* *	5	\$16,400	
		-	Moderate, Area	Affected :	20%			
		: Rear And S		. 1 200/				
	-	xtent : Moaet : Rear And Si	rate, Area Affec	tea : 20%				
			ae racaae nt : Moderate, 1	Anaa Affa	atad . 200/			
		: Rear And Si		неа Ајјес	леа . 50%			
Masanny Cronita	10%	. Rear Tha Si	ac I dedde	LIEE	* *		\$1,600	
Masonry: Granite Wood Overhead Doors		Now	\$20,700	LIFE 2025	\$103,700	5 5	\$1,600 \$8,200	
wood Overnead Doors			\$20,700 ent : Moderate,			3	\$6,200	
		: Throughout		11,0001299				
			Light, Area Affe	cted : 20%	6			
		: Throughout						
Windows								
Aluminum	100%	Now	\$3,500	2043	* *	5	\$800	
			Extent : Moder	ate, Area	Affected : 20%			
	Location	: Throughout						
Parapets					ale ale	_	4-00	
Cast Stone/Terra Cotta	5%	3.7	Φ.Σ. (0.0	LIFE	* *	5	\$500	
Masonry: Brick		Now	\$5,600 nt : Moderate, 1	LIFE		5	\$1,000	
			ni . Moderdie, 1 Locker Room O					
Masonry: Granite	20%	. Ojjice ima	Boeker Room o	LIFE	**	5	\$300	
Roof	2070			DII D			Ψ300	
Modified Bitumen	100%	2-4	\$1,100	2027	\$57,100			
	Ponding, E	xtent : Moder	rate, Area Affec	ted : 5%	•			
	Location	: At Hatch Ai	rea					
Interior								
Floors			426200		di di	_	444.400	
Cast in Place Concrete		Now	\$26,300	LIFE	**	5	\$11,100	
			tent : Moderate	e, Area A <u>f</u>	tected : 10%			
		: Apparatus	nt : Severe, Are	a Afforda	1.500/			
		ervanion, Exte : Apparatus I		а Ајјесте	a : 50%			
				Tempor	arily Supported Oi	n Lally C	olumns	
Ceramic Tile	5%	on . Siruciur	ану тынуушет	2036	**	5 5	\$500	
Quarry Tile	5%			2040	**	5	\$800	
Vinyl Tile	20%			2032	* *	3	\$800	
Vinyl Tile 9" X 9"	20%			2022	\$22,300	3	\$1,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 260

Asset #: 13149

Architecture	Cui	rent Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		Date E	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *		04.400	
Ceramic Tile	8%			2036	* *	5	\$1,100	
Masonry: Brick Plaster	22% 60% No		¢12.400	LIFE LIFE	* *		\$2.500	
Flaster			\$13,400 xtent : Moderate			3	\$2,500	
	_	_	Locker Room An	-	-			
			ent : Severe, Are					
			om And East Side					
Ceilings								
AcousTileSusp.Lay-In	20%			2040	* *	* 5	\$2,000	
Exposed Concrete	40% No		\$130,000	LIFE	* *	* 5	\$600	
	Exposed Reinfo Location : Ce		Extent : Severe	, Area Aj	ffected : 20%			
	Worn/Eroded, I	Extent : 1	Moderate, Area	Affected	: 20%			
	Location: Ce	llar						
	Other Observat	ion, Exte	ent : Light, Area	Affected	: 80%			
	Location : Ce							
					paratus Floor Ab			
Plaster	40% No		\$15,900	LIFE	**	* 5	\$2,500	
	_	_	xtent : Moderate	, Area Aj	tfected: 10%			
	Location: Lo			luca Affa	atad . 100/			
	Location: 1st		ent : Moderate, A unker Gear, Sid		Ciea . 10% Door, 2nd Floor l	Locker Ro	om, Office And	
Site Enclosure	Bathroom							
Fence/Gates								
Chain link	100%			2037	* *	k		
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100% 4		\$2,100	2032	* *	k		
			xtent : Light, Are					
O C' W 11	Location : At	Apron B	y Overhead Doo	r Entran	ce			
On-Site Walkways Cast in Place Concrete	100%			2032	* *	k		
Parking/Driveway	10070			2032				
Cast in Place Concrete	100% No	w	\$4,000	2040	* *	k		
Cast III I lace Concrete			xtent : Moderate		ffected : 20%			
	_	_	By Cellar Access	-	-			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 260

Asset #: 13149

Electrical	Current Repair	Future Replacement	N	<i>l</i> laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Are Location : Basement		* 5		
Dagayyay	Explanation : Service Size: 200 Amp				
Raceway Conduit Conduit	80% 20%	2027 \$25,000 2037 *			
Panelboards Molded Case Bkrs Molded Case Bkrs	80% 20%	2035 * 2026 \$7,70	5	\$100	
Wiring	100%	2037 *			
Thermoplastic Motor Controllers Locally Mounted	100% Other Observation, Extent: Light, Are Location: 1st Floor	2025 \$14,40	1		
	Explanation: Motor Controller For	One Overhead Door			
Ground Grounding Devices Generic	100%	LIFE *	* 5	\$100	
Lighting Interior Lighting Fluorescent	80% 0-2 \$14,100 Inadequate Lighting Level, Extent: Mo Location: Basement, Part Of First F T-12 Lamps And Fixtures, Extent: Lig Location: Throughout	oderate, Area Affected : 30 Floor And Second Floor			
	Other Observation, Extent: Moderate, Location: Throughout Explanation: Many Fixtures Withou				
Fluorescent	19% T-8 Lamps And Fixtures, Extent: Ligh Location: First Floor	2032 *	* 10	\$1,100	
LED	1%	2032 *	*		
Exterior Lighting HID Incandescent	90% 10%	2027 \$22,000 2022 \$2,100			
Alarm Fire/Smoke Detection No Component Generic, Analog	95% 5% Now \$1,000 Devices Missing, Extent: Moderate, A Location: First And Second Floor Local/Battery Operated Detect, Extent Location: 1st And 2nd Floors		1-3	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 260

Asset #: 13149

Mechanical	Current Repair	Future Rep	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2047	* *	1		
	Recent Installation, Extent : Ligh	ht, Area Affected : 100	0%			
	Location : Cellar					
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$6,400	
Distribution						
Central Plant Steam	100%	2047	* *	4	\$500	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2032	* *	1	\$2,100	
Air Conditioning					+-,	
Energy Source						
Electricity	100%	2049	* *	1		
Conversion Equipment	10070	2047		1		
Window/Wall Unit	100%	2022	\$12,600	1		
Ventilation	10078	2022	\$12,000	1		
Exhaust Fans	500/	2022	* *	2	Ф100	
Roof	50%	2032	* *	2	\$100	
Wall Unit	50%	2032	* *	2	\$100	
Plumbing						
H/C Water Piping						
Galvanized Steel	100%	2032	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,700	2	\$100	
	Other Observation, Extent: Ligh	nt, Area Affected : 100	0%			
	Location : Cellar					
	Explanation : One 75 Gallon H	Ieater				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	- + • · ·					
Submersible	100%	2020	\$200	4	\$200	
Fixtures	10070	2020	Ψ200	r	Ψ200	
Generic	100%					
	10070					
Fire Suppression						
Chemical System	100/	2025	#200	1.2	Ø 5 0 0	
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 261/LADDER CO. 116

Address : 37-20 29th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.261 / 13150 Yr Built/Renovated : 1932 /

Area Sq Ft : 6,090 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 370 Lot : 23 BIN : 4004505

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$56,400
Electrical		\$48,800
Total		\$105,200
Importance Code A		\$56,400
Importance Code B		\$48,800
Total		\$105,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,800			
Interior Architecture	\$1,600	\$600	\$700	
Electrical			\$100	\$14,200
Mechanical	\$900	\$900	\$1,700	\$900
Site Pavements	\$2,600			
Total	\$29,900	\$1,500	\$2,500	\$15,100
Importance Code A	\$25,400	\$600	\$600	\$600
Importance Code B	\$1,900	\$900	\$1,500	\$14,500
Importance Code C	\$2,600		\$300	
Total	\$29,900	\$1,500	\$2,500	\$15,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13150

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$14,900	
Masonry: Granite	5%			LIFE	* *	5	\$800	
Masonry: Limestone	10%		***	LIFE	* *	5	\$1,600	
Wood Overhead Doors		Now	\$20,100	2047	* *	5	\$8,000	
		_	ents, Extent : Mod	erate, Ar	ea Affected : 50%			
		: Through						
			s, Extent : Moderai	te, Area 1	Affected : 30%			
		: Through						
			: Severe, Area Aff	ected : 10	00%			
	Location	: Through	out					
Windows				• • • •	a. •	_		
Aluminum	100%		\$1,800	2043	* *	5	\$1,000	
		-	amage, Extent : Se	vere, Are	ea Affected : 2%			
	Location	: 2nd Floo	or Corridor					
Parapets						_	*	
Masonry: Brick	90%		\$2,000	LIFE	* *	5	\$1,700	
			l, Extent : Light, A	rea Affec	eted : 20%			
	Location	: Through	out Main Roof					
Masonry: Limestone	10%	0-2	\$1,000	LIFE	* *	5	\$200	
	Jnt Morta	r Miss/Ero	l, Extent : Modera	te, Area A	Affected : 50%			
	Location	: Through	out					
Roof								
Modified Bitumen	100%			2027	\$56,400	10	\$9,700	
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$12,800	
Ceramic Tile	7%			2036	* *	5	\$700	
Vinyl Tile	33%			2032	* *	3	\$1,200	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$700	
Plaster	70%			LIFE	* *	5	\$2,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2040	* *	5	\$500	
Exposed Concrete	33%			LIFE	* *	5	\$500	
Plaster	62%		\$1,600	LIFE	* *	5	\$3,800	
	_	_	Extent: Moderate	-	ffected : 5%			
			us Area By Overhe					
			: Light, Area Affed		%			
	Location	: Apparati	ıs Area Over Bathı	room				
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13150

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2032	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	\$2,600	2032	* *			
	Broken/Mi	ssing Elem	ents, Extent : Ligh	t, Area A	ffected : 15%			
	Location	: Rear Of	Driveway					

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$4,800	5		
	Other Observation, Extent: Light, A	rea Affected	: 100%			
	Location : Basement					
	Explanation : One 200 Amperes M	ain Disconne	ect Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2027	\$48,800	5		
Raceway						
Conduit	80%	2027	\$25,000	1		
Conduit	20%	2047	* *	1		
Panelboards						
Fused Disc Sw	10%	2026	\$3,800	5		
Molded Case Bkrs	70%	2026	\$26,900	5	\$100	
Molded Case Bkrs	20%	2043	* *	5		
Wiring						
Thermoplastic	20%	2047	* *	1		
Thermoplastic	80%	2027	\$22,200	1		
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	60%	2022	\$9,900	10	\$3,400	
	Other Observation, Extent : Moderat	te, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Fluorescent	15%	2027	\$2,500	10	\$800	
	Other Observation, Extent : Moderat		. ,		4000	
	Location : Basement	. 33				
	Explanation: T-8 Lamps					
Incandescent	5%	2027	\$1,900	2		
LED	20%	2032	\$1,900 **	2		
LLD	2070	2032				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13150

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Battery	50%		2032	* *	10	\$700	
Exit, Battery	50%		2032	* *	10	\$200	
Exterior Lighting							
HID	100%		2032	* *	10		

Mechanical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	_	•				
Energy Source						
Natural Gas	100%	2047	* *	1		
Conversion Equipment Steam Boiler	100%	2040	* *	1	\$6,000	
Distribution Central Plant Steam Piping/Pmp	100%	2037	* *	4	\$300	
Terminal Devices Convector/Radiator	100%	2032	* *	1	\$2,000	
Air Conditioning Energy Source	1000/	2012	* *	1		
Electricity	100%	2043	* *	1		
Conversion Equipment Window/Wall Unit	100%	2025	\$11,900	1		
Ventilation						
Distribution	1000/		de de		4.00	
Ductwork/Diffusers	100% Abandoned in Place, Extent : Light Location : 1st Floor Gen Exhaus		**	2-5	\$3,400	
Exhaust Fans						
Roof	80%	2032	* *	2	\$200	
Wall Unit	20%	2027	\$400	2	*	
Plumbing						
H/C Water Piping Galvanized Steel	100%	2040	* *	1		
Water Heater Gas Fired	100% Other Observation, Extent : Light,	2025 . Area Affected : 10	\$3,500	2	\$100	
	Location : Basement Explanation : 75 Gallon	,				
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sump Pump(s) Submersible	100%	2021	\$200	4	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 261/LADDER CO. 116

Asset #: 13150

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Fire Suppression				
Chemical System				
Wet	10%	2025 \$200	1-3 \$500	
No Component	90%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 262 Address : 30-89 21st STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.262 / 13151 Yr Built/Renovated : 1972 /

Area Sq Ft : 9,300 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 551 Lot : 16 BIN : 4006338

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$36,600	
Interior Architecture	\$39,300	\$38,300
Electrical		\$38,500
Total	\$76,000	\$76,800
Importance Code A	\$36,600	
Importance Code B	\$39,300	\$76,800
Total	\$76,000	\$76,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,600	\$2,900		\$3,500
Interior Architecture	\$24,500	\$500	\$2,300	
Electrical	\$3,500		\$100	\$100
Mechanical	\$36,700	\$1,200	\$2,300	\$6,200
Site Pavements	\$2,800			
Total	\$90,100	\$4,700	\$4,700	\$9,800
Importance Code A	\$23,000	\$3,400	\$500	\$4,100
Importance Code B	\$59,700	\$1,300	\$3,300	\$5,700
Importance Code C	\$7,400		\$1,000	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 262

Asset #: 13151

Architecture	Current Repa	air	Future Replacement		Maintenance			
System Component Type	% of Fail Date Est Total (Years)		ear Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Masonry: Brick	65% Now	. ,	IFE	**	5	\$12,200		
	Misaligned/Bulging, Exte Location : Masonry Rel							
Metal Panel	10%	2	037	* *	5-10	\$12,900		
Metal Sect. OHD	10%		040	* *	5	\$5,800		
Pre-Cast Concrete	15%	L	IFE	* *	5	\$9,100		
Windows								
Aluminum	100% Now Air Infiltration, Extent: S Location: Throughout	Severe, Årea Affect		* *	5	\$200		
	Broken/Missing Elements Location : First Floor, I	Basement						
	Caulking Deteriorated, E. Location: Throughout							
	Other Observation, Extent Location: Throughout		ffected : 100%	ó				
	Explanation: Thermally	y Inefficient						
Parapets	450/	-		ala ala	_	4000		
Masonry: Brick	45% Recent Repair Evident, E. Location : Main Roof		IFE Affected : 40	**	5	\$800		
Pre-Cast Concrete	55%	L	IFE	* *	5	\$6,300		
Roof								
Built-Up (BUR)	98% Now Drains Clogged, Extent: Location: Main Roof Grvl/Blst Miss/Disp, Exte	Moderate, Area A	-	* *				
	Location: Main Roof							
	Vegetation Growth, Exten	it : Moderate, Are	a Affected : 20	0%				
	Location : Lower Roof							
Skylight, Plastic	2%	2	032	* *	1			
Interior								
Floors Cast in Place Concrete	50% Now Broken/Missing Elements Location: Cellar	, Extent : Modera		* * ted : 2%	5	\$15,200		
	Water Penetration, Extent : Severe, Area Affected : 2% Location : Cellar Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Cellar					D.		
G	Explanation : Occassion	=						
Ceramic Tile	10%		036	* *	5	\$1,400		
Quarry Tile	5%		040	**	5	\$1,000		
Vinyl Tile	10%			\$11,800	3	\$500 \$1.200		
Vinyl Tile 9" X 9"	25%		027	\$38,300	3	\$1,300		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 262

Asset #: 13151

Architecture	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Interior Walls										
Cast in Place Concrete	10%			LIFE	* *	_				
Ceramic Tile	10%			2036	* *	5	\$1,900			
Concrete Masonry Unit	10%		*	LIFE	* *	5	\$800			
Plaster	30%	0-2	\$4,600	LIFE	**	5	\$1,700			
		-	: Moderate, Area	Affected	: 10%					
	Location: Throughout									
	Water Penetration, Extent: Severe, Area Affected: 5%									
		: 2nd Floo	or Dormitory At Wi	ndow						
SGFT/Glazed Masonry	40%			LIFE	* *					
Ceilings										
AcousTileConcealSpLn		Now	\$39,300	2047	* *	5	\$3,000			
			ents, Extent : Seve							
			or Gymnasium, Loc							
			: Severe, Area Affa	ected : 80	0%					
	Location	: 2nd Floo	r Throughout							
Exposed Concrete	50%			LIFE	* *	5	\$1,100			
Plaster	15%	0-2	\$5,500	LIFE	* *	5	\$1,300			
	Paint Peeling, Extent: Severe, Area Affected: 20%									
	Location : Second Floor Bathroom									
	Staining/D	iscoloring,	Extent: Moderate	, Area Ą	ffected : 100%					
	Location	: Second I	Floor Bathroom							
Site Enclosure										
Free Standing Walls										
Under Construction	100%									
	Other Obs	ervation, E	xtent : Light, Area	Affected	!: 0%					
	Location	: Side Yar	d							
	Explanat	ion : Temp	orary Plywood Wa	ıll Install	led By Adjacent Pr	operty O	wner			
Site Pavements										
Public Sidewalk										
Cast in Place Concrete	100%			2032	* *					
Parking/Driveway										
Cast in Place Concrete		Now	\$2,800	2032	* *					
			ents, Extent : Mod	erate, Ar	ea Affected : 15%					
	Location	: Side Yar	d							

Electrical	Current Repair	Future Re	placement	М		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$200	
	Other Observation, Extent: Light,	Area Affected : 10	0%			
	Location: Basement					
	Explanation: 456 Amperes					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 262

Asset #: 13151

Electrical	Current Repair	Future Replacement		M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Transformers						
Not Accessible	100%					
Raceway						
Conduit	100%	2027	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2026	\$38,500	5	\$200	
Wiring						
Thermoplastic	100%	2027	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5	\$100	
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
ighting						
Interior Lighting						
Fluorescent	100%	2027	\$25,200	10	\$8,500	
	Other Observation, Extent : Light, A	Area Affected : 1	00%			
	Location: Throughout					
	Explanation: Mostly T-8					
Exterior Lighting						
HID	25% 0-2 \$3,50		* *			
	Other Observation, Extent: Modera	ite, Area Affecte	d: 100%			
	Location : First Floor					
	Explanation: Time Clock For Out	door Lights Not	Working			
HID	25%	2027	\$8,800	10		
No Component	50%					

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2032	* *	1	\$4,600	
Distribution							
Hot Wtr Piping/Pump	100%		2035	* *	4	\$700	
Terminal Devices							
Convector/Radiator	95%		2032	* *	1	\$2,900	
Unit Heater - Steam	5%		2027	\$1,600	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 262

Asset #: 13151

Mechanical		Current I	Repair	Futur	re Replacement	eplacement Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning								
Conversion Equipment								
Exterior Pkg Unit -	25%	Now	\$17,600	2037	* *	2	\$100	
Cooling	B 1 E.	C	A A.CC 1.	500/				
		าent : Seve : 2nd Floo	re, Area Affected :	30%				
				2025	#12 (00			
Window/Wall Unit		0-2 ed Life, Ex : 1st And 2	\$8,200 tent : Moderate, A 2nd Floor	2025 rea Affec	\$13,600 cted: 100%	1		
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	\$3,000	
No Component	75%							
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,200	
Exhaust Fans								
Interior		Now	\$1,500	2037	* *	2		
			Extent : Moderate	Area Af	fected : 100%			
	Location	: 1st Floor	r					
Roof	50%			2027	\$7,200	2	\$100	
Roof		Now	\$6,500	2037	* *	2	\$100	
	Broken, Ex Location		lerate, Area Affecte	ed : 50%				
lumbing								
H/C Water Piping								
Galvanized Steel	100%			2040	* *	1		
Water Heater								
Gas Fired	100%			2022	\$5,300	2	\$100	
			Extent : Light, Area	Affected	l : 100%			
		: Basemen						
g : P: :	Explanat	ion : 2 -75	Gallon Units					
Sanitary Piping	1000/			LIEE	* *	1		
Cast Iron	100%			LIFE	T T	1		
Storm Drain Piping	000/			LIEE	* *	1		
Cast Iron Cast Iron	90%	Now	¢1 000	LIFE LIFE	* *	1 1		
Cast Iron			\$1,800 Extent : Light, Area			1		
	_		extent : Light, Ared Pit Drain Near Ba					
Sump Pump(s)	Locuion		I w Diamiteur Da	sement I	neamment Room			
Sump Pump(s) Submersible	100%			2020	\$300	4	\$300	
Submersible		ervation E	Extent : Severe, Are			7	φ300	
		: Basemen		a rijjecie				
			its In Adjacent Roo	m Under	rsized			
Fixtures	2.vp ianui	2 0111	Itajacem Itoo	Chaci				
Generic	100%							
re Suppression	100.0							

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 262

Asset #: 13151

Mechanical	Current Re	epair Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 263/LADDER CO. 117
Address : 42-06 ASTORIA BOULEVARD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.263 / 13152 Yr Built/Renovated : 1906 /

Area Sq Ft : 4,408 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 688 Lot : 17 BIN : 4011565

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$164,300	
Interior Architecture	\$153,300	
Electrical		\$38,500
Mechanical		\$35,200
Total	\$317,600	\$73,700
Importance Code A	\$164,300	
Importance Code B	\$153,300	\$73,700
Total	\$317,600	\$73,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,900	\$8,400		\$14,000
Interior Architecture	\$73,600	\$1,500	\$1,000	\$500
Electrical	\$1,300	\$2,000	\$400	\$32,200
Mechanical	\$26,100	\$600	\$800	\$8,600
Total	\$132,900	\$12,500	\$2,200	\$55,400
Importance Code A	\$32,300	\$8,800	\$400	\$14,500
Importance Code B	\$64,400	\$3,700	\$1,700	\$40,900
Importance Code C	\$36,100			
Total	\$132,900	\$12,500	\$2,200	\$55,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13152

Architecture	Current	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls	700/ 31	Ø164200	LIDE		-	Ф 27 200		
Masonry: Brick	70% Now	\$164,300	LIFE	**	5	\$27,300		
	Jnt Mortar Miss/Ero		te, Area A	Affected: 50%				
	Location : Through Spalling, Extent : Mo		tad . 200/	,				
	Location : Through		iea . 50%)				
M		ш	LIEE	* *	-	Φ000		
Masonry: Granite	3%	#21 000	LIFE	* *	5	\$900		
Masonry: Limestone	15% Now	\$31,900	LIFE		5	\$4,400		
	Jnt Mortar Miss/Ero Location : North F		e, Area F	Ajjeciea : 50%				
M. I.G. A OHD		асиие	20.40	* *		Ø14.600		
Metal Sect. OHD	12%		2040	* *	5	\$14,600		
Windows	100%		2025	* *	_	¢2 100		
Aluminum	100%		2035		5	\$2,100		
Parapets	10%		LIEE	* *	5	\$2.600		
Cast Stone/Terra Cotta Masonry: Brick	90%		LIFE LIFE	* *	5 5	\$2,600 \$3,000		
Roof	9070		LIFE		3	\$3,000		
Modified Bitumen	95%		2032	* *	10	\$14,000		
Skylight, Metal/Glass	5%		2032	* *	10	\$2,500		
Skynght, Wetal/Glass	Corrosion/Rusting, E	Extent : Light, Area		: 20%	10	\$2,500		
	Location : Through	=	119900000	. 20,0				
Interior	0							
Floors								
Cast in Place Concrete	40% Now	\$49,700	LIFE	* *	5	\$17,500		
	Loose/Delam Surface	e, Extent : Moderat	e, Area A	ffected : 20%				
	Location : Apparat	us Floor						
	Other Observation, I	Extent : Severe, Are	a Affecte	d : 50%				
	Location : Apparat	us Floor On Ladde	r Side					
	Explanation: Struc	turally Inadequate						
Ceramic Tile	10%		2036	* *	5	\$2,000		
Quarry Tile	10%		2040	* *	5	\$3,000		
Vinyl Tile	20% 2-4	\$13,600	2032	* *	3	\$1,500		
	Broken/Missing Elements, Extent : Light, Area Affected : 2% Location : Throughout							
	Worn/Eroded, Extend Location : 2nd Floo		Affected .	: 20%				
Wood	20% 0-2	\$39,400	2042	* *	5	\$3,700		
	Worn/Eroded, Exten			: 25%	2	<i>\$2,7.00</i>		
	Location : 3rd Floo		50					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13152

Architecture	Curr	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Interior Walls Ceramic Tile	· ·	v \$3,800 Elements, Extent : Mod d Floor Bathroom	2030 derate, Are	* * a Affected : 2%	5	\$1,400	
Masonry: Brick	Location : Cell	ling, Extent : Light, Al ar Erod, Extent : Light, A					
Plaster	50% Now Water Penetration Location: Bund Worn/Eroded, Ex		Window Fected : 809		5	\$4,100	
SGFT/Glazed Masonry	20%		LIFE	* *			
Ceilings							
Acous TileSusp.Lay-In		\$6,400 Elements, Extent : Sev Floor At Lockers And			5	\$2,000	
Embossed Metal	Location : Appe	\$7,000 ments, Extent : Severe aratus Room Through stent : Severe, Area A <u>f</u> aratus Room	out		5	\$1,800	
Exposed Concrete	_	\$64,100 ling, Extent : Moderat ement Throughout	LIFE te, Area Aff	* * ected : 30%	5	\$600	
Plaster	Location: 3rd	ling, Extent : Severe, A Floor Roof Scuttle Thi stent : Severe, Area Af	roughout		5	\$5,000	
Site Pavements							
Public Sidewalk Cast in Place Concrete	100%		2040	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Under 600 Volts Service Equipment							

Service Equipment

Molded Case Bkrs 100% 2027 \$4,800 5 \$100

Other Observation, Extent: Light, Area Affected: 100%

Location: Basement Explanation: 200 Amperes

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13152

Electrical	Current Re	epair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	100%		2027	\$31,300	1		
Panelboards Molded Case Bkrs	100%		2026	\$38,500	5	\$100	
Wiring							
Braided Cloth	20%		2026	\$5,500	1		
Thermoplastic	80%		2037	* *	1		
Motor Controllers	1000/		2025	¢1.4.400	-		
Locally Mounted	100%		2025	\$14,400	5		
Ground Grounding Devices							
Generic Generic	100% Now	\$1,000	LIFE	* *	5	\$100	
Generic	Other Observation, Ext Location : Basement	. ,		d : 100%	3	φίσσ	
	Explanation : Water	Main Ground Cla	amp Is Se	verely Corroded.			
Stand-by Power							
Transfer Switches	1000/		2022	* *		#1 100	
Automatic	100%		2032	* *	1	\$1,400	
Generators Diesel	100% Other Observation, Exi Location : Basement	tent : Light, Area	2030 Affected	* *	1	\$1,700	
	Explanation: 60 Kw						
Batteries							
Lead/Acid	100%		2020	\$1,500	5	\$200	
Fuel Storage Day Tank	20% Other Observation, Ex	tant : Light Arag	2035	**	5	\$200	
	Location: Basement	_	Аујестей	. 10070			
	Explanation: 120 Ga	illons					
Main Tank	80%		2042	* *	5	\$100	
Lighting Interior Lighting							
Fluorescent	95%		2022	\$11,300	10	\$3,800	
	Other Observation, Ext Location: Throughou Explanation: T-8 An	ut	Affected	: 100%			
Incandescent	5%	12, 50,50	2027	\$1,400	2		
Exterior Lighting	J / U		2021	φ1,700			
	100%		2022	\$16,600	10		
HID	100%		2022	\$16,600	10		

Mechanical	Current R	epair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13152

Mechanical		Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment	1000/		20.40	* *		Φ4.400	
Steam Boiler	100%		2040		1	\$4,400	
		rvation, Extent : Light : Basement	, Агеа Ајјестеа	: 100%			
		on : 1 Unit					
Distribution	Ехринин	on . 1 Onu					
Central Plant Steam	100%		2037	* *	4	\$200	
Piping/Pmp	10070		2037		•	Ψ200	
r iping/r inp	Other Obse	rvation, Extent : Light	, Area Affected	: 100%			
		: 2nd Floor	55				
	Explanati	on : There Is Only One	e Thermostat In	The Building			
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$1,400	
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment	4007	2.7		*** * * * * * * *			
Split Unit	40%	,		\$35,200			
		ning, Extent : Moderat					
		: Kitchen And Engine S					
Window/Wall Unit	60%	. ,	600 2022	\$5,200	1		
	-	ning, Extent : Moderat	e, Area Affected	d : 60%			
**	Location .	: 2nd And 3rd Floors					
Ventilation							
Distribution Ductwork/Diffusers	20%		LIFE	* *	2-5	\$500	
No Component	80%		LIFE		2-3	\$300	
Exhaust Fans	8070						
Roof	20%		2027	\$1,400	2		
Wall Unit	20%		2027	\$300	2		
No Component	60%		2022	Ψ500	2		
Plumbing	0070						
H/C Water Piping							
Brass/Copper	100%		2027	\$30,700	1		
Water Heater							
Gas Fired	100%		2022	\$2,500	2	\$100	
	Other Obse	rvation, Extent : Light					
	Location .	: Basement					
	Explanati	on : 2 Units 74 Gallon					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13152

Mechanical	Current Repair	Future Rep	acement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100% Now	\$6,000 LIFE	* *	1		
	Blockage /Clogged, Extent : I Location : Kitchen And Toil		ó			
	Corroded, Extent : Moderate,	Area Affected : 30%				
	Location: Basement					
	Leak Evident, Extent : Moder	ate, Area Affected : 5%				
	Location : 3rd Floor Truck	Side Rear				
Storm Drain Piping						
Cast Iron	100% Now	\$2,600 LIFE	* *	1		
	Blockage /Clogged, Extent : S	Severe, Area Affected : 5%	ó			
	Location: Water Backs Up	In Basement				
	Corroded, Extent : Moderate,	Area Affected : 50%				
	Location: Basement					
Sump Pump(s)						
Submersible	100%	2019	\$100	4	\$100	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 265/LADDER CO. 121 / EMS STATION 47

Address : 303 BEACH 49 STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.265 / 13154 Yr Built/Renovated : 2004 /

Area Sq Ft : 18,010 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 15926 Lot : 44 BIN : 4302052

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$41,300	\$41,300
Total	\$41,300	\$41,300
Importance Code B	\$41,300	\$41,300
Total	\$41,300	\$41,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$64,400		\$26,300	
Interior Architecture	\$49,900		\$5,700	\$1,300
Electrical	\$2,100	\$1,300	\$1,600	\$2,800
Mechanical	\$7,000	\$1,700	\$3,100	\$1,500
Site Enclosure	\$4,000			
Total	\$127,300	\$3,000	\$36,700	\$5,600
Importance Code A	\$65,300	\$900	\$27,200	\$900
Importance Code B	\$46,500	\$2,100	\$9,500	\$4,000
Importance Code C	\$15,600			\$600
Total	\$127,300	\$3,000	\$36,700	\$5,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13154

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
Exterior	1							I
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$13,800	
Exposed Struc: Steel	5%			LIFE	* *	5	\$13,800	
Masonry: Brick	55%			LIFE	* *	5	\$48,500	
Metal Sect. OHD	10%			2041	* *	5	\$13,800	
Window Wall	5%			2048	* *	5	\$8,300	
Windows							\$0,200	
Aluminum	95%			2044	* *	5	\$2,900	
Metal Louvers	5%			2037	* *	10	\$1,000	
Parapets							* , ,	
Concrete Masonry Unit	25%			LIFE	* *	5-10	\$6,000	
Masonry: Brick	60%			LIFE	* *	5-10	\$18,100	
Metal Panel	5%			2048	* *	5	\$900	
Metal Rail	10%			2041	* *	5-10	\$8,000	
Roof						-		
Metal Panel	25%			2041	* *	10	\$14,600	
Modified Bitumen		Now	\$4,600	2033	* *	-	,	
			xtent : Light, Area		: 15%			
			e Second Floor	33				
Modified Bitumen	25%			2033	* *	10	\$7,900	
Wodified Bitumen		ervation F	Extent : Moderate, 1		ected · 50%	10	\$7,700	
			e Second Floor	110011990	.c.ca . 5070			
			rete Pavers					
Interior	2. ip ici.ici.	ion i conc						
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	\$82,600	
Ceramic Tile	5%			2037	* *	5	\$1,300	
Quarry Tile	5%			2041	* *	5	\$2,000	
Vinyl Tile	20%			2033	* *	3	\$2,000	
Interior Walls							\$2,000	
Ceramic Tile	5%			2037	* *	5	\$1,200	
Concrete Masonry Unit	40%			LIFE	* *	5	\$8,000	
Gypsum Board		Now	\$2,300	LIFE	* *	5	\$6,700	
Gypsum Bourd			xtent : Light, Area		: 10%	J	Φ0,700	
		: 2nd Floo	_	55				
Masonry: Brick	5%			LIFE	* *	10	\$400	
Wood	5%			LIFE	* *	5	\$9,900	
The state of the s	370			LILE			\$9,900	
Ceilings AcousTileSusp.Lay-In	30%			2041	* *	5	\$8,100	
Exposed Struc: Steel	60%			LIFE	**	10	\$32,300	
Gypsum Board	10%			LIFE	* *	5-10	\$9,300	
Site Enclosure	1070			LII'E		J-10	\$7,300	
Fence/Gates								
Chain link	50%			2048	* *			
Iron Picket	50%	Now	\$2,300	2048	* *			
Holl I leket			\$2,500 Extent : Moderate, A					
	Location	Lusting, E	mom . monerale, t	пси пуре	C.C.a. 50/0			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13154

Architecture	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure							
Free Standing Walls							
Concrete Masonry Unit	100% Now	\$1,700	2048	* *			
	Cracking/Crumbling	g, Extent : Light, Arc	ea Affect	ed : 10%			
	Location: Throug	hout					
	Other Observation,	Extent : Light, Area	Affected	1:5%			
	Location : Mason	ry Free Standing Wa	ll				
	Explanation : Dec	orative Steel Detaili	ng Abov	e Needs Re - Anche	oring		
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2048	* *			
Parking/Driveway							
Asphalt	80%		2043	* *			
Cast in Place Concrete	20%		2048	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2048	* *	5	\$100	
		rvation, Extent : Moderate, 1	Area Affe	ected : 100%			
	Location :	Electrical Room 1st Floor					
		on : Two 400 Amperes For I For Emergency	Building 1	And Mechanical E	quipment	; One 200	
Switchgear / Switchboard							
Fused Disc Sw	100%		2048	* *	5	\$100	
Raceway							
Conduit	100%		2048	* *	1		
Panelboards							
Fused Disc Sw	10%		2044	* *	5		
Molded Case Bkrs	90%		2044	* *	5	\$400	
Wiring							
Thermoplastic	100%		2048	* *	1		
Motor Controllers							
Locally Mounted	100%		2041	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$500	
Stand-by Power							
Transfer Switches							
Automatic	100%		2041	* *	1	\$5,500	
		rvation, Extent : Moderate, A	Area Affe	ected : 100%			
		Electrical Room					
	Explanatio	on : Three Ats					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13154

Electrical	Current Repair Future Replacement Ma		aintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2037	* *	1	\$7,000	
	Other Observation, Extent: Moderate Location: Outside Explanation: One 80 Kva	e, Area Affecte	d : 100%			
Batteries	•					
Lead/Acid	100%	2022	\$1,500	5	\$700	
Fuel Storage						
Main Tank	100%	2056	* *	5	\$500	
	Other Observation, Extent : Moderate Location : Outside Explanation : One 60 Gallons	e, Area Affecte	d : 100%			
Lighting						
Interior Lighting						
Fluorescent	100%	2033	* *	10	\$16,500	
	T-8 Lamps And Fixtures, Extent: Mod Location: Throughout The Building		ffected : 100%			
Egress Lighting						
Emergency, Service	60%	2033	* *	1		
Exit, LED	40%	2056	* *	1		
Exterior Lighting						
HID	100%	2033	* *	10	\$100	

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2048	* *	1		
Conversion Equipment						
Furnace	40%	2033	* *	1	\$3,600	
	Other Observation, Extent : Light, Are	a Affected	: 40%			
	Location : Roof					
	Explanation: 6 Roof Top Package U.	nits				
Hot Water Boiler	60%	2041	* *	1	\$5,300	
	Other Observation, Extent: Light, Area	a Affected	: 60%		. ,	
	Location : 1st Floor Boiler Room					
	Explanation: 1 Unit					
Distribution	-					
Hot Wtr Piping/Pump	60% 0-2 \$800	2044	* *	4	\$500	
1 2 1	Corroded, Extent : Moderate, Area Aff	ected : 5%	ó		·	
	Location : 2nd Floor Mechanical Ro					
No Component	40%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13154

Mechanical		Current Repair Future		e Replacement	M	Maintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	20%		2033	* *	1	\$2,200	
Convector/Radiator	10%		2041	* *	1	\$600	
Unit Heater - Steam	30%		2028	\$18,100	4	\$700	
No Component	40%						
Air Conditioning							
Energy Source							
Electricity	100%		2044	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	20%		2033	* *	1	\$1,700	
-	R-22 Refrige	rant, Extent : Light, Area A	ffected :	20%			
		2nd Floor Mechanical Roo					
Ext Pkg Unit - Heating/Cooling	50%		2033	* *	2	\$600	
		erant, Extent : Light, Area A 6 Roof Top Package Units	ffected :	50%			
No Component	30%						
Terminal Devices							
Air Handler/Dir Expansion	20%		2033	* *	1		
No Component	80%						
Heat Rejection							
Air Cooled Condenser Unit	20%		2033	* *	2	\$2,500	
No Component	80%						
Ventilation							
Distribution							
Ductwork/Diffusers	70%		LIFE	* *	2-5	\$11,100	
No Component	30%						
Exhaust Fans							
Interior	20%		2033	* *	2	\$100	
Roof	50%		2033	* *	2	\$300	
No Component	30%						
Plumbing							
H/C Water Piping	1000/		2040	* *	1		
Brass/Copper	100%		2048	* *	1		
Water Heater	1000/		2026	¢10.200	2	6200	
Gas Fired	Location:	vation, Extent : Light, Area Boiler Room n : 2 - 100 Gallon Units	2026 Affected	\$10,300 !: 100%	2	\$300	
Sanitary Piping	-						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
	100/0		Епт		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 265/LADDER CO. 121 / EMS STATION 47

Asset #: 13154

Mechanical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
Generic	100%	2033	* *	1	\$1,100	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 266

Address : 92-20 ROCKAWAY BEACH BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 11,960 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 16127 Lot : 1 BIN : 4439014

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$80,300	\$73,400
Electrical		\$37,900
Mechanical		\$59,900
Total	\$80,300	\$171,200
Importance Code A	\$80,300	\$73,400
Importance Code B		\$97,800
Total	\$80,300	\$171,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,800			
Interior Architecture	\$73,500			\$900
Electrical	\$35,700	\$2,700	\$11,900	\$2,100
Mechanical	\$30,600	\$1,900	\$1,700	\$1,600
Site Enclosure	\$2,300			
Site Pavements	\$5,000			
Total	\$179,100	\$4,600	\$13,600	\$4,600
Importance Code A	\$33,000	\$1,200	\$1,200	\$1,200
Importance Code B	\$90,500	\$3,400	\$12,400	\$3,500
Importance Code C	\$55,600			
Total	\$179,100	\$4,600	\$13,600	\$4,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 266

Asset #: 13155

rchitecture		Current I	Repair	Futur	e Replacement	M	laintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	\$5,600	
Masonry: Granite	5%			LIFE	* *	5	\$1,000	
Masonry: Limestone	5%			LIFE	**	5	\$1,000	
			Extent : Light, Ardle Of Cornice; Fro					
Stucco Cement	50%	Now	\$80,300	2039	* *	5	\$17,400	
	_	_	Extent : Moderate l Rear Walls	, Area Aj	ffected : 25%			
Stucco Cement	10%			2039	* *	5	\$6,900	
Wood Overhead Doors	10%	0-2	\$8,800	2031	* *	5	\$6,900	
			nt : Moderate, Ared		d : 5%			
			art Of Door And F					
	Worn/Eroc	ded, Extent	: Light, Area Affec	ted: 259	%			
	Location	: Front Of	^c Building					
Windows								
Aluminum		Now	\$2,600	2048	**	5	\$1,500	
			ked, Extent : Light	, Area A <u>j</u>	fected: 2%			
			m, Third Floor.	Y 1 1	20/			
			ent : Light, Area A <u>f</u> olding Closed Case			. The We	mkaut Paam	
Parapets	Location	. коре по	naing Ciosea Case.	meni On	The Thira Floor II	i ine wo	ткош коот.	
Masonry: Limestone	10%	Now	\$1,900	LIFE	* *	5	\$500	
Masonry. Enhestone	Misaligned		Extent : Moderate,		fected : 2%	3	\$300	
	Staining/D	iscoloring,	Extent : Moderate	, Area A	ffected : 20%			
	Location	: Through	out Coping.					
Stucco Cement	90%			2039	* *	5	\$8,300	
Roof								
Modified Bitumen	75%	Now	\$11,000	2026	\$55,100			
	Miss/Damaged Flashings, Extent: Moderate, Area Affected: 5%							
	Location	: Flashing	Misaligned Along	Parapet	On Roof Access H	latch Sid	e.	
	_	Extent : Lig : Third Fl	ht, Area Affected : oor Roof.	5%				
Modified Bitumen	25%			2026	\$18,400	10	\$3,200	

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 266

Asset #: 13155

Architecture	Current Repa	ir	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors	4.50/ 3.7	* 4 * * * * *		de de	_	44 - 600	
Cast in Place Concrete	45% Now Broken/Missing Elements, Location: Basement.	\$4,200 Extent : Ligh	LIFE t, Area Af	* * fected : 5%	5	\$17,600	
Ceramic Tile	10% Now Deteriorated Finish, Exten Location: Kitchen	\$1,700 nt : Moderate,	2029 Area Affe	* * ected : 5%	5	\$900	
Quarry Tile	5% 2-4 Worn/Eroded, Extent : Mo Location : Kitchen	\$1,300 oderate, Area	2031 Affected :	* * 75%	5	\$700	
Vinyl Tile	40% Now Broken/Missing Elements, Location: Throughout Punct/Tear/Impact Damag Location: Throughout Worn/Eroded, Extent: Mo Location: Throughout	ge, Extent : M	oderate, A	Area Affected : 159	3	\$2,700	
Interior Walls	_						
Ceramic Tile	10% Now Broken/Missing Elements, Location: Kitchen, Toile		2039 'erate, Are	* * va Affected : 15%	5	\$1,200	
Masonry: Brick	5% Now Broken/Missing Elements, Location: Basement Staining/Discoloring, Exte Location: Basement, Th	ent : Moderate					
Plaster	55% Now Cracking/Crumbling, Externation: Throughout Deteriorated Finish, Externation: Throughout Paint Peeling, Extent: MacLocation: Throughout Water Penetration, Extent Location: Throughout	nt : Moderate, oderate, Area	Area Affe Affected :	ected : 25% 25%	5	\$4,100	
SGFT/Glazed Masonry	30% Now Broken/Missing Elements, Location: Apparatus Flow Worn/Eroded, Extent: Lig Location: Apparatus Flo	oor. ght, Area Affed					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 266

Asset #: 13155

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Interior Ceilings					
Acous TileSusp.Lay-In	5% Now \$1,400 Misaligned/Bulging, Extent: Moderate, Location: Kitchen Staining/Discoloring, Extent: Moderate Location: Kitchen		5	\$400	
Metal Panel	5% Recent Replace Evident, Extent: Light, Location: 2nd Floor Toilet	LIFE ** Area Affected : 100%	5	\$1,100	
Plaster	90% Now \$10,600 Broken/Missing Elements, Extent: Light Location: Second Floor Locker Room Cracking/Crumbling, Extent: Severe, A Location: Throughout Paint Peeling, Extent: Light, Area Affect Location: Basement. Water Penetration, Extent: Severe, Area Location: Throughout	rea Affected : 30%	5	\$10,100	
Site Enclosure Fence/Gates Chain link	100% Now \$2,300 Broken/Missing Elements, Extent: Mod	2046 ** erate, Area Affected : 10%			
Site Pavements Parking/Driveway Asphalt	Location : Rear Gate 100% Now \$5,000 Cracking/Crumbling, Extent : Moderate Location : Rear Lot	2035 * * * , Area Affected : 25%			

Electrical	Current Repair	Future Replaceme	ent	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	80%	2046	* *	5		
	Other Observation, Extent : Light, Area	Affected: 100%				
	Location: Electrical Room 1st Floor					
	Explanation: 225 Amperes					
Photovoltaic Panel(s)	20%	2035	* *	1		
· · · · · · · · · · · · · · · · · · ·	Other Observation, Extent : Light, Area	Affected: 100%				
	Location : Roof					
	Explanation : Serves Hot Water Heate	r				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 266

Asset #: 13155

Current Repair		e Replacement	IVI	aintenance	
% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
	•	•			
60%	2046	* *	1		
		\$12,500	1		
Covers Missing, Extent : Mode Location : Throughout	erate, Area Affecte	d : 20%			
40%	2025	\$15,400	5	\$100	
			1		
20%	2036	**	1		
100%	LIFE	**	5	\$200	
100%	2039	* *	1	\$3,700	
100%	2035	* *	1	\$4,600	
Location: Exterior Exhaust:	Ductwork Disconn	ected			
Other Observation, Extent : Li	ight, Area Affected	: 100%			
Location : Side Yard					
Explanation: 80 Kva					
100%	2020	\$1,500	5	\$400	
100%	2042	* *	5	\$2,200	
Other Observation, Extent : Li	ight, Area Affected	: 100%			
Location : Side Yard					
Explanation: 125 Gallons					
100%	2031	* *	10	\$11,000	
Motion Sensors in Use, Extent	: Light, Area Affe	cted : 100%		•	
Location: Throughout					
T-8 Lamps And Fixtures, Exter	nt : Light, Area Aff	ected : 100%			
Location : Throughout	_ 55				
50%	2026	\$22,500	10		
		**			
50% Now 8	ZZ . 300 ZUM				
50% Now \$. Malfunctioning, Extent: Sever	22,500 2036 re. Area Affected :				
	60% 40% Covers Missing, Extent: Mode Location: Throughout 60% 40% 80% 20% 100% 100% Enclosure Corroded, Extent: Location: Exterior Exhaust: Other Observation, Extent: La Location: Side Yard Explanation: 80 Kva 100% 0ther Observation, Extent: La Location: Side Yard Explanation: 125 Gallons 100% Motion Sensors in Use, Extent Location: Throughout T-8 Lamps And Fixtures, Extent	Total (Years) 60% 40% 2026 Covers Missing, Extent: Moderate, Area Affected Location: Throughout 60% 40% 2042 40% 2025 80% 2046 20% 2036 100% LIFE 100% 2039 100% 2039 100% 2035 Enclosure Corroded, Extent: Severe, Area Affected Location: Exterior Exhaust Ductwork Disconn Other Observation, Extent: Light, Area Affected Location: Side Yard Explanation: 80 Kva 100% 2042 Other Observation, Extent: Light, Area Affected Location: Side Yard Explanation: 125 Gallons 100% 2041 Motion Sensors in Use, Extent: Light, Area Affected Location: Throughout T-8 Lamps And Fixtures, Extent: Light, Area Affected Location: Throughout T-8 Lamps And Fixtures, Extent: Light, Area Affected Location: Throughout T-8 Lamps And Fixtures, Extent: Light, Area Affected Location: Throughout T-8 Lamps And Fixtures, Extent: Light, Area Affected Location: Throughout	Total (Years) FY	Total (Years) FY (Yrs)	Total (Years) FY (Yrs)

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 266

Asset #: 13155

Electrical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$12,400	2036	* *	1-3	\$700	
	Devices M	issing, Extent :	Severe, Area	Affected .	: 100%			
	Location	: Throughout						
	Local/Batt	ery Operated I	Detect, Extent .	Light, A	rea Affected : 1009	%		
	Location	: Throughout						

Mechanical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•		•				
Energy Source Natural Gas	100%		2046	* *	1		
Conversion Equipment Steam Boiler	100%		2031	* *	1	\$11,800	
Distribution Central Plant Steam Piping/Pmp	100%		2036	* *	4	\$900	
		riorating, Extent : Light, Are : Basement	a Affecte	ed: 20%			
Terminal Devices Convector/Radiator		Extent : Light, Area Affected : All Floors	2024 : 60%	\$59,900	1	\$3,900	
Air Conditioning							
Energy Source Electricity	100%		2034	* *	1		
Conversion Equipment	10070		2031				
Split Unit Window/Wall Unit	10% 50% Broken, Ex	0-2 \$7,000 ctent : Moderate, Area Affect	2031 2025 ed: 75%	* * \$11,700	1		
	Location	: All Floors					
No Component	40%						
Ventilation Distribution							
Ductwork/Diffusers	Other Obs Location	Now \$3,100 ervation, Extent: Moderate, : Generator Exhaust ion: Duct Not Sealed, Openi			2-5	\$700	
No Component	90%	<u> </u>					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 266

Asset #: 13155

echanical	Current Repair	Future Replacement	N	Maintenance	
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
ntilation					
Exhaust Fans					
Interior	20% Now \$8,000	2036 *	* 2	\$100	
	Broken, Extent: Light, Area Affected:	20%			
	Location : Toilet Rooms				
Roof	10%	2026 \$1,90	0 2		
	Other Observation, Extent : Light, Area Location : 1st Floor	a Affectea : 100%			
	Explanation: Kitchen Exhaust				
Wall Unit	30%	2026 \$1,20	0 2	\$100	
No Component	40%	2020 \$1,20	0 2	\$100	
ımbing	7070				
H/C Water Piping					
Brass/Copper	100%	2046 *	* 1		
11	Not Insulated, Extent : Light, Area Affe	ected : 10%			
	Location: Bathrooms				
Water Heater					
Electric	50%	2024 \$4,90	0 4	\$100	
	Other Observation, Extent : Light, Area	a Affected : 50%			
	Location: Roof				
G E' 1	Explanation : Solar Heater	2024 #2.40	0 0	#100	
Gas Fired	50%	2024 \$3,40	0 2	\$100	
	Other Observation, Extent : Light, Area Location : Basement	a Affectea : 100%			
	Explanation: 2 - 75 Gallon Units				
Sanitary Piping	Expunuion : 2 73 Guion Chiis				
Cast Iron	100% Now \$8,200	LIFE *	* 1		
	Leak Evident, Extent : Moderate, Area	Affected: 20%			
	Location: 2nd To 1st Floor				
Storm Drain Piping					
Cast Iron	100% Now \$2,300	LIFE *	* 1		
	Blockage /Clogged, Extent : Light, Are	a Affected : 20%			
	Location : 1st Floor				
Sump Pump(s)	1000/	2010 ***	0 4	# 400	
Submersible	100%	2019 \$40	0 4	\$400	
Fixtures	1000/				
Generic	100%				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 268/LADDER CO. 137

Address : 257 BEACH 116th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.268 / 13156 Yr Built/Renovated : 1913 /

Area Sq Ft : 10,089 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Roof, Floors 1,2,3

Block : 16212 Lot : 17 BIN : 4304442

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$48,700
Interior Architecture		\$60,200
Electrical		\$91,200
Mechanical		\$49,700
Total		\$249,700
Importance Code A		\$48,700
Importance Code B		\$201,000
Total		\$249,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,400			
Interior Architecture	\$60,800	\$1,900		\$800
Electrical	\$22,800	\$200	\$10,700	\$200
Mechanical	\$7,700	\$1,600	\$1,300	\$1,400
Total	\$135,700	\$3,800	\$12,000	\$2,400
Importance Code A	\$45,400	\$1,000	\$1,000	\$1,000
Importance Code B	\$46,600	\$1,600	\$11,000	\$1,400
Importance Code C	\$43,700	\$1,100		
Total	\$135,700	\$3,800	\$12,000	\$2,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13156

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•			•				•
Exterior Walls								
Cast Stone/Terra Cotta	-	Progress, .: Front Fa	Extent : Light, Are	LIFE ea Affecte	* * d : 90%	5	\$19,600	
Masonry: Brick	Location Sidewalk S Location Vertical C	: Front Fa Shed in Use : Front An	, Extent : Light, A d Part Of Side nt : Moderate, Are	rea Affec	ted : 25%	5	\$23,500	
Masonry: Granite	Location Vertical C	: Front Fa	nt : Moderate, Are			5	\$500	
Metal, Corrugated	Location	: Roof	xtent : Light, Area	2036 a Affected	* *	1		
Metal Sect. OHD	10%			2039	* *	5	\$9,800	
Windows								
Aluminum	100%			2034	* *	5	\$800	
Parapets Cast Stone/Terra Cotta	Broken/Mi	Now issing Elem : North Sid	\$700 ents, Extent : Seve de Of Roof	LIFE ere, Area	* * Affected : 5%	5	\$2,000	
Masonry: Brick	80%			LIFE	* *	5	\$1,000	
Roof Built-Up (BUR)	80% Blisters, E Location Debris on	80% Now \$24,400 2026 \$48,700 Blisters, Extent: Moderate, Area Affected: 20% Location: Third Floor Roof. Debris on Roof, Extent: Light, Area Affected: 10%						
Single Ply Membrane	15% Other Obs Location	: Second F	\$4,000 Extent : Moderate, Floor Open Porch Operly Pitched.		\$6,700 ected : 5%			
Skylight, Metal/Glass	Water Pen	Now etration, E.	\$2,000 xtent : Severe, Are wer	2036 ea Affecte	* * d : 25%			1

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13156

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior								
Floors								
Cast in Place Concrete	30%		LIFE	* *	5	\$10,600		
Ceramic Tile	10%	44.400	2035	* *	5	\$1,600		
Quarry Tile	5% 0-2	\$1,300	2039	**	5	\$600		
	Broken/Missing Eler Location: Kitchen		erate, Ar	ea Affected : 5%				
			AnaaA	ffootod , 50/				
	Cracking/Crumbling Location: Kitchen		e, Area Aj	пестеа : 5%				
			ot o d . 250	0/				
	Worn/Eroded, Extended Location: Kitchen	=	ciea : 25)	∕ 0				
TD			TIPE	* *		Φ.(0.0		
Terrazzo	5%	Entant Light Ango	LIFE		5	\$600		
	Other Observation,	_	Ајјестеа	: 100%				
	Location : On Stai	=						
*** 1 m**	Explanation: Terr		2026	\$60.200		Φ2.400		
Vinyl Tile	40% Now	\$3,000	2026	\$60,200	3	\$2,400		
	Broken/Missing Elen		erate, Ar	ea Affectea : 15%				
	Location: Through		4 40	C . 1 150/				
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15% Location : Throughout							
	Worn/Eroded, Exten		Affaatad	. 000/				
	Location : Through		Ајјестеи	. 9070				
337 1		noui	2054	* *	-	#2.000		
Wood	10%	Entered a Links Amer	2054		5	\$3,000		
	Recent Installation, Location: Bunkro	_	Affectea	2 : 100%				
Interior Walls								
Ceramic Tile	10%		2035	* *	5	\$2,200		
Plaster	55% Now	\$10,700	LIFE	* *	5	\$3,700		
	Cracking/Crumbling Location: Through		e, Area A	ffected : 15%				
			1 1	Contad . 200/				
	Deteriorated Finish, Location: Through		Area Ajj	eciea : 20%				
	Water Penetration,		a Affecte	d · 10%				
	Location: Through		a rijjeere	u. 1070				
SGFT/Glazed Masonry	35% Now	\$33,000	LIFE	* *				
5GI 1/Glazed Wasoniy	35% Now \$33,000 LIFE Broken/Missing Elements, Extent: Moderate, Area Affected: 2%							
	Location : Appara		,	JJ				
	Diagonal Cracks, E.		rea Affec	ted : 5%				
	Location : Appara		-55 - 61					
	Int Mortar Miss/Ero		te, Area 1	Affected : 15%				
	Location : Appara							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13156

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%)		2039	* *	5	\$1,600	
Plaster	90%	Now	\$10,400	LIFE	* *	5	\$9,100	
Cracking/Crumbling, Extent: Moderate, Area Affected: 10%								
	Location	n : Through	out					
	Paint Peeling, Extent: Moderate, Area Affected: 25%							
	Location: Throughout							
	Staining/I	Discoloring,	Extent : Light, Ar	ea Affect	ed : 10%			
	Location	n: Balcony						
	Water Per	netration, E	xtent : Severe, Are	a Affecte	d: 10%			
	Location	n : 3rd Floo	r Throughout					
	Other Ob	servation, E	Extent : Light, Area	Affected	! : 15%			
	Location	Location: Balcony						
Explanation : Exterior Space								

Electrical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Photovoltaic Panel(s)	10%		2035	* *	1		
	Other Obs Location	servation, Extent : Light, Area a : Roof	Affectea	! : 100%			
	Explana	tion : Serves Hot Water Heate	r				
Not Accessible	90%						
Switchgear / Switchboard							
Molded Case Bkrs	100%		2026	\$53,300	5	\$300	
Raceway							
Conduit	100%		2026	\$34,200	1		
Panelboards							
Molded Case Bkrs	10%		2042	* *	5		
Molded Case Bkrs	90%		2025	\$37,900	5	\$200	
Wiring							
Thermoplastic	100%		2046	* *	1		
Motor Controllers							
Locally Mounted	100%		2031	* *	5	\$100	
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$29,900	10	\$9,300	
	Motion Sensors in Use, Extent : Light, Area Affected : 100% Location : Throughout						
	T-8 Lamp	s And Fixtures, Extent : Light,	Area Af	fected : 100%			
	-	: Throughout	33				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13156

Electrical	Current R	epair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
HID	25%		2021	\$10,400	10		
No Component	75%						
Alarm							
Fire/Smoke Detection							
No Component	80%						
Generic, Analog	20% Now	\$22,800	2036	* *	1-3	\$1,100	
	Devices Missing, Exter	nt : Severe, Area	Affected: 10	0%			
	Location: Througho	ut					
	Local/Battery Operate	d Detect, Extent :	Light, Area	Affected: 1009	%		
	Location : Througho	ut					
	Other Observation, Ex	tent : Light, Area	Affected: 10	00%			
	Location : Througho	ut					
	Explanation : Obsole	ete					

Mechanical	Current Repai	r Futui	e Replacement	Maintenance				
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2046	* *	1				
Conversion Equipment								
Steam Boiler	100%	2031	* *	1	\$10,000			
	Other Observation, Extent	: Light, Area Affected	! : 100%					
	Location : All Floors							
	Explanation : Unit Requi	res Repair Often In V	Vinter As Reported	By Use	rs			
Distribution								
Central Plant Steam	100%	2036	* *	4	\$700			
Piping/Pmp								
Terminal Devices								
Convector/Radiator	90%	2024	\$49,700	1	\$2,900			
	Corroded, Extent : Light, Area Affected : 100%							
	Location: All Floors							
Unit Heater - Steam	10%	2026	\$3,700	4	\$100			
	Other Observation, Extent: Light, Area Affected: 100%							
	Location : 1st Floor	0 . 00						
	Explanation : Serves Eng	rine Bay						
Air Conditioning	1 0	· · · · · · · · · · · · · · · · · · ·						
Energy Source								
Electricity	100%	2034	* *	1				
Conversion Equipment								
Window/Wall Unit	50% 0-2	\$6,400 2025	\$10,700	1				
	Broken, Extent : Light, Are	ea Affected : 50%						
	Location : All Floors							
No Component	50%							
Ventilation Ventilation	3070							

Ventilation

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13156

lechanical	Current Repair	Future Replacement	ure Replacement M		
ystem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
entilation					
Exhaust Fans					
Roof	10%	2026 \$1,700) 2		
	Other Observation, Extent: Lig	ght, Area Affected : 100%			
	Location : 1st Floor				
	Explanation: Kitchen Exhaus				
Wall Unit	30%	2026 \$1,100) 2	\$100	
No Component	60%				
umbing					
H/C Water Piping	1000/	2026 *:			
Brass/Copper	100%	2030	* 1		
	Not Insulated, Extent : Modera Location : All Floors	te, Area Affected : 80%			
Water Heater					
Electric	50%	2024 \$4,500) 4		
	Other Observation, Extent : Lig				
	Location : Roof				
	Explanation: Solar				
Gas Fired	50%	2024 \$3,100) 2	\$100	
	Other Observation, Extent : Lig	ght, Area Affected : 100%			
	Location : Mechanical Room				
	Explanation : 2 - 75 Gallon U	Inits			
Sanitary Piping					
Cast Iron	100%	LIFE *:	* 1		
	Other Observation, Extent : Mo	oderate, Area Affected : 100%			
	Location : Main Drain				
	Explanation : Combination D	rain, Backs Up During Heavy Rai	n		
Storm Drain Piping					
Cast Iron	100%	LIFE *:	* 1		
Fixtures					
Generic	100%				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 271/LADDER CO. 124

Address : 392 HIMROD STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 13,108 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3281 Lot : 22 BIN : 3074885

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$458,900	\$53,600
Interior Architecture	\$59,300	\$47,900
Electrical		\$123,800
Total	\$518,300	\$225,300
Importance Code A	\$458,900	\$53,600
Importance Code B	\$59,300	\$171,700
Total	\$518,300	\$225,300

Total	\$169,900	\$2,200	\$39,700	\$3,100
Importance Code C	\$40,000			
Importance Code B	\$51,700	\$900	\$30,600	\$1,800
Importance Code A	\$78,300	\$1,300	\$9,100	\$1,300
Total	\$169,900	\$2,200	\$39,700	\$3,100
Mechanical	\$2,600	\$2,100	\$31,100	\$2,400
Electrical	\$4,600	\$100	\$200	
Interior Architecture	\$85,700		\$600	\$600
Exterior Architecture	\$77,000		\$7,800	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13158

rchitecture	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
xterior Exterior Walls Masonry: Brick	62% Now \$379,700 Jnt Mortar Miss/Erod, Extent: Severe, Location: Throughout.	LIFE ** Area Affected : 60%	5 \$19,200	
Masonry: Granite	Worn/Eroded, Extent: Moderate, Area Location: Throughout 5% 4+ \$10,000 Broken/Missing Elements, Extent: Light Location: Front Facade At Grade Le	LIFE ** t, Area Affected : 20%	5 \$1,200	
Masonry: Limestone	15% 0-2 \$11,100 Staining/Discoloring, Extent: Light, Ar Location: Front Facade.	LIFE **	5 \$3,500	
Metal Panel	3% Now \$7,300 Corrosion/Rusting, Extent: Moderate, A Location: Stair Bulkhead On Roof Deformed/Dented, Extent: Moderate, A Location: Stair Bulkhead On Roof		5 \$1,700	
Stucco Cement	5% Now \$14,700 Cracking/Crumbling, Extent : Moderate Location : Front Facade At Roof/ Par		5 \$1,900	
Wood Overhead Doors	10%	2031 **	5 \$15,500	
Windows Aluminum	100% Now \$19,500 Broken/Missing Elements, Extent: Mod Location: Throughout Glazing Broken/Cracked, Extent: Mode Location: Toilet Room Third Floor. Unit Inoperable, Extent: Moderate, Are Location: Throughout	erate, Area Affected : 2%	5 \$1,100	
Parapets				
Cast Stone/Terra Cotta Masonry: Brick	15% 80% Now \$38,600 Diagonal Cracks, Extent: Moderate, A. Location: Front Facade/ West Parap. Jnt Mortar Miss/Erod, Extent: Moderat Location: Front Facade/ West Parap. Spalling, Extent: Moderate, Area Affect Location: Throughout	et te, Area Affected : 35% et	5 \$2,200 5 \$1,500	
Pre-Cast Concrete	5% Now \$3,700 Broken/Missing Elements, Extent: Light Location: Located At Front Facade. Jnt Mortar Miss/Erod, Extent: Moderat Location: Located At Front Facade Worn/Eroded, Extent: Moderate, Area Location: Located At Front Facade.	te, Area Affected : 100%	5 \$600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13158

Architecture	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior Roof							
Built-Up (BUR)	Location : Throu Water Penetration	\$10,700 levere, Area Affected in ghout. , Extent : Moderate, A loor Lounge And Wor	Area Affe				
Skylight, Metal/Glass	_	\$40,700 , Extent : Moderate, A Roof And Stair Bulkh		* * cted : 100%			
Skylight, Metal/Glass	5%		2036	* *	10	\$2,100	
nterior							
Floors Cast in Place Concrete	45% Now Cracking/Crumbli Location: Engin	\$4,400 ng, Extent : Light, Ard e Side Basement.	LIFE ea Affecte	* * ed : 5%	5	\$16,900	
Ceramic Tile		\$900 Tements, Extent : Ligh Toor Laundry Room A		, ,	5	\$400	
Quarry Tile	5%		2031	* *	5	\$1,300	
Vinyl Tile	Location: 2nd A	ent : Moderate, Area			3	\$1,900	
Wood	15%		2029	* *	5	\$4,800	
Interior Walls	-					, ,	
Ceramic Tile	5%		2029	* *	5	\$1,200	
Gypsum Board	10%		LIFE	* *	5	\$1,400	
Masonry: Brick		\$20,100 , Extent : Moderate, A nent Foundation Wall		* * cted : 15%			
Plaster		\$3,100 Tements, Extent : Ligh Tloor Bunk Room And			5 Side.	\$2,100	
SGFT/Glazed Masonry	15% Now	\$15,000 Tements, Extent : Mod	LIFE	* *			
SGFT/Glazed Masonry	10%		LIFE	* *			
Wood	10% Now	\$1,100 Tements, Extent : Ligh	LIFE	** ffected : 2%	5	\$9,500	
	_	ase On The Engine/ (-		usters.		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13158

Architecture	Current	Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	10% Now Broken/Missing Eler Location: 1st And Staining/Discoloring Location: 1st And	2nd Floors g, Extent : Light, Ar			5	\$900	
Embossed Metal	50% Now Broken/Missing Eler Location: Through	_	LIFE t, Area Affect	* * ted : 8%	5	\$3,900	
Exposed Struc: Steel	5% Now Corrosion/Rusting, I Location: Baseme		LIFE a Affected : 8	**			
Plaster	35% Now Broken/Missing Eler Location: 3rd Flo Paint Peeling, Exten Location: 3rd Flo	or Workout Room.	cted : 5%		5	\$3,800	

Electrical		Current Repair Fut		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2026	\$5,300	5	\$100	
Switchgear / Switchboard							
Molded Case Bkrs	100%		2026	\$53,300	5	\$300	
Raceway							
Conduit	100%		2036	* *	1		
Panelboards							
Molded Case Bkrs	80%		2025	\$33,600	5	\$300	
Molded Case Bkrs	20%		2042	* *	5	\$100	
Wiring							
Thermoplastic	100%		2036	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 271/LADDER CO. 124

Asset #: 13158

Electrical	Current Re	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting								
Interior Lighting								
Fluorescent	85%		2026	\$33,000	10	\$10,200		
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Throughout							
Fluorescent	10%		2026	\$3,900	10	\$1,200		
	T-12 Lamps And Fixtur Location : Throughou		t, Area Ą	ffected : 100%				
Incandescent	5% Now	\$4,600	2036	* *	2			
	Not in Service, Extent:	Moderate, Area	Affected	: 100%				
	Location: Basement,	Electrical Servic	e Side					
Exterior Lighting								
HID	75%		2031	* *	10			
No Component	25%							

Mechanical	Current Rep	pair Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Furnace	1%	2026	\$300	1	\$100	
	Other Observation, Exte	nt : Light, Area Affected	: 100%			
	Location: Engine Bay					
	Explanation: Gas Fire	ed Unit Heater				
Steam Boiler	99%	2039	* *	1	\$12,900	
Distribution						
Central Plant Steam	100%	2046	* *	4	\$600	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$4,200	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	70%	2021	\$19,500	1		
No Component	30%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,300	
Exhaust Fans						
Roof	40%	2026	\$8,900	2	\$200	
Wall Unit	60%	2026	\$2,900	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13158

Mechanical	Current Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Water Heater							
Gas Fired	100%	2021	\$8,200	2	\$200		
	Other Observation, Extent: Light, An	rea Affected :	100%				
	Location: Basement						
	Explanation: 2 - 75 Gallon Units						
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)							
Submersible	100%	2019	\$500	4	\$400		
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Generic	100%	2024	\$2,100	1-3	\$3,700		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 273/LADDER CO. 129 Address : 40-18 UNION STREET @ LIRR

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 6,120 Project Type : FIRE DEPARTMENT

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5019 Lot : 66 BIN : 4113561

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$148,800	
Total	\$148,800	
Importance Code B	\$148,800	
Total	\$148,800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,000			\$13,200
Interior Architecture	\$9,400	\$900	\$500	
Electrical	\$3,100		\$100	\$2,000
Mechanical	\$4,100	\$1,100	\$1,100	\$9,100
Site Pavements	\$14,500			
Total	\$33,100	\$2,000	\$1,700	\$24,300
Importance Code A	\$2,600	\$600	\$600	\$13,800
Importance Code B	\$6,700	\$1,400	\$800	\$10,500
Importance Code C	\$23,900		\$300	
Total	\$33,100	\$2,000	\$1,700	\$24,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13159

Architecture		Current F	Repair	Future Replacement Main		aintenance	ntenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	\$14,300	
		-	tent : Moderate, Ar ad West Façade	ea Affec	ted : 50%			
Masonry: Limestone	10%			LIFE	* *	5	\$1,300	
Wood Overhead Doors	10%			2032	* *	5	\$8,900	
Windows								
Aluminum	100%	0-2	\$2,000	2043	* *	5	\$200	
		ic Not Fun : Through	ct, Extent : Moderc out	ite, Area	Affected : 50%			
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$1,900	
Masonry: Limestone	10%			LIFE	* *	5	\$300	
Pre-Cast Concrete	5%			LIFE	* *	5	\$700	
Roof Modified Bitumen	100%			2032	* *	10	\$8,700	
nterior Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$10,800	
Ceramic Tile	5%			2036	* *	5	\$400	
Quarry Tile	5%			2040	* *	5	\$600	
Vinyl Tile	30%			2035	* *	3	\$900	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$600	
Masonry: Brick	15%			LIFE	* *			
Plaster	50%	Now	\$9,400	LIFE	* *	5	\$1,800	
	Deteriorat	ed Finish,	Extent : Moderate,	Area Af	fected : 25%			
	Location	: Second I	Floor					
	_	iscoloring, : Second I	Extent : Moderate Floor	, Area Ą	ffected : 50%			
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$2,300	
Ceilings								
AcousTileSusp.Lay-In	5%			2040	* *	5	\$500	
Exposed Concrete	50%	Now	\$148,800	LIFE	* *	5	\$700	
-	Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Basement							
		ervation, E : Basemne	Extent : Moderate, 1 et	Area Affe	ected : 100%			
				nent Shor	re Up Apparatus F	loor Aho	ve.	
Plaster	45%	Lanty	Descent	LIFE	**	5	\$2,600	
Site Enclosure	TJ /0			LIII		3	\$2,000	
Fence/Gates								
Chain link	100%			2047	* *			
Site Pavements	10070							

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13159

Architecture		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2040	*	*		
Parking/Driveway								
Cast in Place Concrete	100%	2-4	\$14,500	2040	*	*		
Cracking/Crumbling, Extent: Moderate, Area Affected: 20%								
Location: Cracking At Ohd								

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, An Location : Basement	2027 rea Affected	\$4,800 !: 100%	5		
	Explanation : Main Service Switch	Rated @ 40	00 Amperes			
Raceway	1		1			
Conduit	100%	2027	\$31,300	1		
Panelboards						
Fused Disc Sw	20% 4+ \$1,500 Enclosure Damaged, Extent : Light, A Location : Basement		\$7,700 ed: 100%	5		
Molded Case Bkrs	80%	2026	\$30,800	5	\$100	
Wiring Thermoplastic	100%	2027	\$27,700	1		
Motor Controllers Locally Mounted	100%	2032	* *	5		
Ground Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Lighting					4-55	
Interior Lighting Fluorescent	80% T-8 Lamps And Fixtures, Extent : Lig Location : 3rd Floor	2027 ht, Area Afj	\$13,300 fected : 100%	10	\$4,500	
Incandescent	5%	2022	\$2,000	2		
	Other Observation, Extent : Light, An Location : Tv Room Explanation : Downlights	rea Affected				
LED	15%	2032	* *			
	Recent Replace Evident, Extent : Lig. Location : Kitchen		ected : 100%			
Exterior Lighting						
HID	100%	2027	\$23,100	10		
Alarm						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13159

Electrical		Current Repair	Future Replacement	Maintenance		
System Component Type		ail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Fire/Smoke Detection						
No Component	95%					
Generic, Analog	5%	0-2 \$1,600	2027 \$3,200	1-3	\$200	
_	Devices Miss	sing, Extent : Light, Area Aj	ffected : 100%			
	Location:	Throughout				
	Local/Batter	y Operated Detect, Extent :	Light, Area Affected: 100	%		
	Location:	Throughout				

Mechanical	Current R	Repair Fut	ure Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2053	* *	1		
Conversion Equipment						
Steam Boiler	100%	2040		1	\$6,100	
	Other Observation, E.	xtent : Light, Area Affecte	ed : 100%			
	Location: Basement	t				
	Explanation: 1 Unit	t				
Distribution						
Central Plant Steam	100%	2037	7 **	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2032	**	1	\$2,000	
Air Conditioning						
Energy Source						
Electricity	100%	2035	**	1		
Conversion Equipment						
Exterior Pkg Unit -	20%	2035	**	2	\$100	
Cooling						
Split Unit	20%	2032				
Window/Wall Unit	40%	2022	\$4,800	1		
No Component	20%					
Ventilation						
Distribution						
Ductwork/Diffusers	20%	LIFE	**	2-5	\$700	
No Component	80%					
Exhaust Fans						
Roof	20%	2027	\$1,900	2		
Wall Unit	15%	2027	\$300	2		
No Component	65%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13159

Mechanical	Current F	Current Repair Future R		Replacement		aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Water Heater							
Gas Fired	100%		2022	\$3,500	2	\$100	
	Other Observation, E.	xtent : Light, Area	Affected	: 100%			
	Location: Basemen	t					
	Explanation: 2-75	Gallon Units					
Sanitary Piping							
Cast Iron	100% Now	\$2,100	LIFE	* *	1		
	Blockage /Clogged, E	xtent : Severe, Are	ea Affecte	d : 5%			
	Location: Basemen	t					
Storm Drain Piping							
Cast Iron	100% Now	\$1,200	LIFE	* *	1		
	Blockage /Clogged, E	xtent : Severe, Are	ea Affecte	d : 5%			
	Location : Water Ba	cks Up In Baseme	nt				
Sump Pump(s)							
Submersible	100%		2020	\$200	4	\$200	
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
No Component	95%						
Generic	5%		2025	\$100	1-3	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 274

Address : 41-20 MURRAY STREET @ LIRR

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.274 / 13160 Yr Built/Renovated : 1940 /

Area Sq Ft : 6,204 Project Type : FIRE DEPARTMENT

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5058 Lot : 37 BIN : 4114925

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$38,300	
Total	\$38,300	
Importance Code A	\$38,300	
Total	\$38.300	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$50,300			\$4,100
Interior Architecture	\$37,000	\$800	\$300	\$800
Electrical	\$4,400	\$2,200	\$500	\$13,600
Mechanical	\$1,300	\$800	\$1,000	\$5,600
Site Enclosure	\$200			
Site Pavements	\$7,800			
Total	\$100,900	\$3,900	\$1,800	\$24,200
Importance Code A	\$50,900	\$600	\$600	\$4,800
Importance Code B	\$39,200	\$3,300	\$1,200	\$19,500
Importance Code C	\$10,900		\$100	
Total	\$100,900	\$3,900	\$1,800	\$24,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 274

Asset #: 13160

Architecture	Cu	rrent Repair	Future i	Replacement	М	aintenance	
System Component Type		Date Estimated ears)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Exterior Walls Masonry: Brick	Location : So	s/Erod, Extent : M	,300 LIFE Moderate, Area Aff	* * ected : 25%	5	\$12,700	
Masonry: Granite Masonry: Limestone	Location : So 3% 10% No	uth Facade ow \$18 s/Erod, Extent : M	LIFE ,000 LIFE Joderate, Area Aff	* * * * ected : 25%	5 5	\$400 \$1,200	
Wood Overhead Doors	10%		2032	* *	5	\$8,300	
Windows Aluminum	100% No	g Elements, Exten	,700 2043 : Severe, Area Af	* * fected : 10%	5	\$200	
Parapets Wood Cornice	Location: Th		2037 t, Area Affected : .	**	5-10		
Roof Asphalt Shingle	100% No Miss/Damaged Location : At	ow \$30 Flashings, Extend Hose Tower tion, Extent : Mod	,500 2042 : Moderate, Area erate, Area Affecte				
Interior Floors Cast in Place Concrete Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile	Broken/Missing		LIFE LIFE 2036 2040 ,200 2037 : Moderate, Area	* * * * * * * * Affected : 10%	5 5 5 5 3	\$8,300 \$3,100 \$500 \$700 \$1,100	
Wood	5%		2055	* *	5	\$900	
Interior Walls Ceramic Tile Plaster	5% 70% No Cracking/Crun Location : Ho	abling, Extent : Se ose Tower	2036 ,900 LIFE vere, Area Affected rea Affected : 85%		5 5	\$100 \$500	
	Location : Ho			-			
SGFT/Glazed Masonry	25%		LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 274

Asset #: 13160

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2032	* *	5	\$900	
Exposed Concrete	30%			LIFE	* *	5	\$400	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	40%	Now	\$9,900	LIFE	* *	5	\$2,400	
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	cted : 20%			
	Location	: Second F	Floor And Hose To	wer				
	Paint Peel	ing, Extent	: Severe, Area Aff	ected : 2.	5%			
	Location	: Second F	Floor And Hose To	wer				
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d: 10%			
	Location	: Locker/	Corridor On 2nd I	Floor				
Site Enclosure								
Fence/Gates								
Chain link	100%	2-4	\$200	2053	* *			
		issing Elem : Backyard		erate, Ar	rea Affected : 10%			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$7,800	2040	* *			
	Other Obs	ervation, E	xtent : Severe, Are	a Affecte	ed : 10%			
	Location	: Sidewalk	: Hatch To Baseme	nt Failea	l			
	Explanat	tion : Leaks	Into Basement					

ectrical	Current Repair	Future Rep	lacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Modera	te, Area Affected :	100%			
	Location : Electrical Room					
	Explanation : Main Service Switch	Rated @ 200 Amp	oeres			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2037	* *	5	\$200	
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 274

Asset #: 13160

Electrical	Current Repair	Current Repair Future Rep		M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices	1000/ 2.4 #2.000	TIPE		-	#100	
Generic	100% 2-4 \$3,800	LIFE	**	5	\$100	
	Other Observation, Extent: Moderate, Location: Basement	, Area Ajjecu	ea : 100%			
	Explanation : Corroded					
Stand-by Power	Ехрининон . Сотгойси					
Transfer Switches						
Automatic	100%	2032	* *	1	\$1,900	
Generators						
Diesel	100%	2030	* *	1	\$2,400	
	Other Observation, Extent : Moderate,	, Area Affect	ed : 100%			
	Location: Outside The Building	D . 10 00	77			
D. W. C.	Explanation: Emergency Generator	Rated @ 80	Kva			
Batteries Lead/Acid	100%	2020	\$1,500	5	\$200	
Fuel Storage	10070	2020	\$1,300		\$200	
Main Tank	100%	2042	* *	5	\$200	
Wildin Turn	Other Observation, Extent : Light, Are	_0	100%	2	\$200	
	Location : Outside	33				
	Explanation: 60 Gallons					
Lighting						
Interior Lighting						
Fluorescent	40%	2027	\$6,700	10	\$2,300	
	T-8 Lamps And Fixtures, Extent : Ligh Location : Throughout	t, Area Affec	ted : 100%			
LED	60%	2032	* *			
	Recent Replace Evident, Extent : Light	t, Area Affect	ted : 100%			
	Location: 1st And 2nd Floor					
Egress Lighting						
Emergency, Service	50%	2027	\$1,500	1		
No Component	50%					
Exterior Lighting	1000/	2027	##22 400	10		
HID	100%	2027	\$23,400	10		
Alarm Security System						
No Component	80%					
Generic	20%	2027	\$3,700	1	\$500	
Fire/Smoke Detection	2070	2021	Ψ5,700	1	Ψ500	
No Component	80%					
Generic, Analog	20%	2022	\$12,800	1-3	\$800	
, ,	Devices Missing, Extent : Light, Area					
	Location: Throughout					
	Local/Battery Operated Detect, Extent	: Light, Area	a Affected : 1009	%		
	Location: Throughout					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 274

Asset #: 13160

Mechanical	Current F	Repair	Future Replacement		М		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2047	* *	1		
Conversion Equipment Steam Boiler	100% Other Observation, E. Location : Basemen Explanation : 1 Uni	t	2040 Affected	**: 100%	1	\$6,100	
Distribution							
Central Plant Steam Piping/Pmp	100%		2037	* *	4	\$300	
Terminal Devices Convector/Radiator	100%		2032	* *	1	\$2,000	
Air Conditioning							
Energy Source Electricity	100%		2035	* *	1		
Conversion Equipment Window/Wall Unit No Component	40% 60%		2022	\$4,800	1		
Ventilation							
Exhaust Fans Wall Unit	20% Now Malfunctioning, Exter Location: The Louv		-		2		
No Component	80%						
Plumbing H/C Water Piping	1000/		2027	**	1		
Brass/Copper	100%		2037	* *	1		
Water Heater Gas Fired	100% Other Observation, E. Location: Basemen Explanation: (2) 75	t	2025 Affected	\$3,500 : 100%	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%		2027	\$900	4	\$200	
Fixtures Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 275/LADDER CO. 133 Address : 111-36 MERRICK BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 6,306 Project Type : FIRE DEPARTMENT

Date of Survey : 31-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 10208 Lot : 45 BIN : 4217371

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$38,900
Electrical		\$87,300
Total		\$126,200
Importance Code A		\$38,900
Importance Code B		\$87,300
Total		6127 200

Total \$126,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$40,800			\$600
Interior Architecture	\$29,100	\$1,400		
Electrical	\$2,000		\$100	\$6,700
Mechanical	\$10,300	\$11,600	\$600	\$500
Total	\$82,200	\$13,100	\$600	\$7,800
Importance Code A	\$41,200	\$300	\$300	\$900
Importance Code B	\$29,600	\$12,500	\$300	\$6,900
Importance Code C	\$11,500	\$300		
Total	\$82,200	\$13,100	\$600	\$7,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13161

Architecture	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Masonry: Brick		\$24,700 LIFE	**	5	\$16,400	
	Corrosion/Rusting, Extent: N		: 50%			
	Location: Multiple Relieving		1 500/			
	Int Mortar Miss/Erod, Extent	. 55		****		
W 10 1 1B	Location: Missing Mortar A				Φ2 200	
Wood Overhead Doors	5% Now	\$500 2025	\$27,300	5	\$2,200	
	Other Observation, Extent: N Location: Main Door	поаетаге, Атеа Ајјества	1: 100%			
	Explanation : Occasionally	Malfunctions And Fails	s To Open			
Windows	Explanation: Occusionally	majunctions ma rate	, то орен			
Aluminum	100%	2052	* *	5	\$400	
Parapets					· · · · · · · · · · · · · · · · · · ·	
Masonry: Brick	90%	LIFE	* *	5	\$1,700	
Metal Panel	10%	2047	* *	5	\$700	
Roof						
Built-Up (BUR)		\$15,600 2027	\$38,900			1
	Alligatoring, Extent: Severe,	Area Affected : 65%				
	Location: Throughout					
	Miss/Damaged Flashings, Ex		ffected : 20%			
	Location: Base Flashing A					
	Ponding, Extent: Severe, Are Location: Various Location	55				
	Water Penetration, Extent: S		10%			
	Location : At Hose Tower R		070			
Interior		J				
Floors						
Cast in Place Concrete	30% Now	\$11,300 LIFE	* *	5	\$6,000	
	Spalling, Extent : Severe, Are	a Affected : 50%				
	Location: Main Apparatus	Floor				
Ceramic Tile	15%	2030	* *	5	\$1,400	
Granite Panels	15%	LIFE	* *	5	\$1,000	
	Recent Installation, Extent: 1	ight, Area Affected : 10	00%			
	Location : Kitchen					
Vinyl Tile	40%	2035	* *	3	\$1,400	
	Recent Replace Evident, Exte	nt : Light, Area Affecte	d: 80%			
	Location: Throughout					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13161

Architecture	Curr	ent Rep	air	Futur	e Replacement	N	laintenance	
System Component Type	% of Fail I Total (Yea		timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	10% 4+		\$7,300	LIFE	* *	:		
	Paint Peeling, Ex Location : Cell		loderate, Area	Affected	: 30%			
	Water Penetratio	n, Exten	nt : Moderate, A	rea Affe	cted : 20%			
	Location : Muli	iple Loc	cations In The C	Cellar				
Ceramic Tile	10%			2030	* *	5	\$600	
Gypsum Board	10%			LIFE	* *		\$300	
Plaster	45% Nov	V	\$4,200	LIFE	* *		\$800	
	Diagonal Cracks	, Extent		ea Affec	ted : 20%		·	
	Location : Vari	ous Loc	ations On The	2nd Floo	r And Stair Towe	r		
	Spalling, Extent.	Severe,	Area Affected	: 20%				
	Location : Hose				airs			
	Water Penetratio	n, Exten	nt : Moderate, A	rea Affe	cted : 20%			
	Location : Hose							
SGFT/Glazed Masonry	20%			LIFE	* *	:		
Wood	5%			LIFE	* *	• 5	\$1,200	
Ceilings							+ ,	
AcousTileSusp.Lay-In	10%			2044	* *	• 5	\$900	
	Recent Replace I	vident,	Extent : Light,	Area Aff	ected : 100%		4, 4,	
	Location : Thre			55				
Exposed Concrete	10% Nov	V	\$5,800	LIFE	* *	• 5	\$100	
Exposed Concrete	Cracking/Crumb				eted : 30%	5	φίου	
	Location : Stair	_						
	Exposed Reinford	ement.	Extent : Severe	. Area Ai	ffected : 20%			
	Location : Stair			,	<i>y</i> 			
Plaster	80%			LIFE	* *	5	\$4,500	

lectrical	Current Repair	Future	Replacement	М	aintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$4,800	5		
	Other Observation, Extent : Light, Area	a Affected .	: 100%			
	Location: Basement					
	Explanation: 200 Amperes Service D	isconnect	Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$48,800	5	\$200	
Raceway						
Conduit	90%	2037	* *	1		
Conduit	10%	2047	* *	1		
Panelboards						
Molded Case Bkrs	100%	2026	\$38,500	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13161

Electrical	Current R	lepair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Wiring							
Braided Cloth	50%		2026	\$13,800	1		
Thermoplastic	50%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2025	\$14,400	5		
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting				di di			
Fluorescent	70%		2035	**	10	\$4,000	
	T-8 Lamps And Fixtur Location : First And		rea Afj	tected: 100%			
Fluorescent	20%		2022	\$3,400	10	\$1,200	
	T-12 Lamps And Fixti Location : Garage A		Area A	ffected : 100%			
Incandescent	5% 0-2	\$2,000	2037	* *	2		
111041140000000000000000000000000000000	Obsolete Fixtures, Extent : Moderate, Area Affected : 100%						
	Location: Basement Mechanical Room, 1st Floor Kitchen, Bulkhead And Pole Area						
Incandescent	5%		2022	\$2,000	2		
Exterior Lighting							
HID	100%		2027	\$23,800	10		
	Obsolete Fixtures, Extent : Light, Area Affected : 100%						
	Location: In Pole Area - 1st And 2nd Floors						
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Throughout						
	Explanation: Opera	ıted Via Timer					

Mechanical	Current Repair	Future Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority			
Heating							
Energy Source							
Electricity	5%	2047 **	1				
-	Other Observation, Extent : Light, Area Affected : 5%						
	Location: 1st Floor T. V. Room	on : 1st Floor T. V. Room					
	Explanation: Hard Wired Electric Heater Serving T. V. Room						
Natural Gas	95%	2047 **	1				
Conversion Equipment							
Hot Water Boiler	100%	2032 **	1 \$3,100				
Distribution							
Hot Wtr Piping/Pump	100%	2035 **	4 \$500				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13161

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Convector/Radiator	80%		2040	* *	1	\$1,600	
Unit Heater - Steam	20% 2-4	\$2,100	2037	**	4	\$100	
	Other Observation, Exte	nt : Moderate, I	Area Affec	rted : 100%			
	Location : 1st Floor Explanation : Undersiz	zod					
Air Conditioning	Explanation : Ondersiz	"eu					
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment							
Split Unit	10%		2027	\$12,600			
Window/Wall Unit	90%		2020	\$11,100	1		
Ventilation							
Exhaust Fans							
Interior	20% Now	\$1,700	2027	\$4,200	2		
	Broken, Extent : Moderate, Area Affected : 10%						
	Location: 1st Floor Bo	athroom					
Roof	80%		2027	\$7,800	2	\$200	
Plumbing							
H/C Water Piping							
Galvanized Steel	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$3,600	2	\$100	
	Other Observation, Exte	nt : Light, Area	Affected .	100%			
	Location: Basement						
·	Explanation: 50 Gallo	ons. Nameplate	Incorrectl	y Reads 75 Gallor	ıs.		
Sanitary Piping	1000/		TIPE				
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping				ماد ماد			
Cast Iron	55%	45.500	LIFE	* *	1		
Cast Iron	45% Now	\$5,500	LIFE		1		
	Blockage /Clogged, Extent: Severe, Area Affected: 10%						
	Location: Floor Drains, Apparatus Floor						
	Damaged, Extent: Severe, Area Affected: 10%						
	Location: Floor Drains, Apparatus Floor Other Observation, Front - Severe Area Affected - 100%						
	Other Observation, Extent : Severe, Area Affected : 100% Location : Basement						
		a Ia Ta a Surall 7	Го Allan I	Duanan Duain aca			
Cuman Duman (-)	Explanation : Pipe Size	z 18 100 Small I	O Allow F	roper Drainage			
Sump Pump(s) Submersible	100%		2019	\$200	4	\$200	
Submersible	Other Observation, Exte	nt · Light Area			4	\$200	
	Location : Basement	т. ыдт, агеи	пусски.	20/0			
	Explanation : Simplex	Pump					
Fixtures	<u> гарининон</u> . этриел	- viiip					
Generic	100%						
Fire Suppression							

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 275/LADDER CO. 133

Asset #: 13161

Mechanical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Chemical System	1001	2025	4.00		4.400	
Wet No Component	10% 90%	2026	\$200	1-3	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 276

Address : 1635 EAST 14th STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.276 / 13162 Yr Built/Renovated : 1910 /

Area Sq Ft : 13,000 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Jul-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 6777 Lot : 64 BIN : 3182420

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$153,600	
Interior Architecture	\$234,000	
Electrical	\$8,800	\$109,800
Mechanical		\$48,800
Total	\$396,400	\$158,700
Importance Code A	\$153,600	
Importance Code B	\$242,800	\$158,700
Total	\$396,400	\$158,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$80,600	\$1,700		
Interior Architecture	\$154,800			\$1,300
Electrical	\$1,000	\$3,500	\$1,100	\$4,300
Mechanical	\$6,500	\$1,700	\$2,300	\$31,500
Total	\$242,900	\$6,800	\$3,400	\$37,100
Importance Code A	\$81,900	\$3,000	\$1,300	\$1,500
Importance Code B	\$86,000	\$3,800	\$2,100	\$35,600
Importance Code C	\$74,900			
Total	\$242,900	\$6,800	\$3,400	\$37,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 276

Asset #: 13162

rchitecture	Current Repair	Future Replacement	Maintenance		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls					
Masonry: Brick	77% Now \$5,000 Broken/Missing Elements, Extent: Mod Location: Street Facade At Door Cracking/Crumbling, Extent: Moderate Location: Throughout		5	\$8,200	
	Water Penetration, Extent : Moderate, A Location : Throughout	Area Affected : 40%			
Masonry: Granite	3% Now \$15,100 Cracking/Crumbling, Extent : Moderate Location : Throughout	LIFE ** c, Area Affected : 40%	5	\$200	
	Jnt Mortar Miss/Erod, Extent : Modera Location : Throughout	te, Area Affected : 20%			
	Water Penetration, Extent: Moderate, A Location: Throughout	Area Affected : 40%			
Masonry: Limestone	3% Now \$14,000 Cracking/Crumbling, Extent: Moderate Location: Throughout Jnt Mortar Miss/Erod, Extent: Moderate Location: Throughout	ou .	5	\$200	
	Water Penetration, Extent : Moderate, A Location : Throughout	Area Affected : 40%			
Metal Sect. OHD	10% Other Observation, Extent: Light, Area Location: Main Entrance Explanation: Recent Replace Evident		5	\$3,300	
Wood	7% Now \$3,900 Water Penetration, Extent: Moderate, A Location: Throughout Other Observation, Extent: Moderate, A Location: Front Facade	-	5	\$1,900	
	Explanation: Covered With Sheet Me	tal			
Windows Aluminum	100% Now \$34,100 Ctrwt/Balnc Not Funct, Extent : Modera Location : Throughout	2043 ** ate, Area Affected : 40%	5	\$1,000	
_	Hardware Missing, Extent: Moderate, A Location: Throughout	Area Affected : 40%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 276

Asset #: 13162

Architecture	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Parapets Masonry: Brick	60% Now	\$55,400	LIFE	**	5	\$1,000	1
	Cracking/Crumbling Location: Through		<i>х</i> геа Аујесіє	a : 00%			
	Water Penetration, E Location: Through		Area Affect	ed : 40%			
	Worn/Eroded, Extend Location: Main Ro	t : Severe, Area Aff	fected : 60%	6			
Masonry: Limestone	30% Now	\$50,200	LIFE	* *	5	\$600	1
	Broken/Missing Elen Location: Through		ere, Area Aj	ffected : 40%			
	Cracking/Crumbling	, Extent : Moderate	e, Area Affe	ected : 40%			
	Location: Through Spalling, Extent: Sev		1 · 40%				
	Location: Through		. 1070				
Metal Cornice	10% Now	\$8,200	2067	* *			1
	Broken/Missing Elen Location : Main Ro		ere, Area A _j	geciea : 100%			
Roof							
Asphalt Shingle	5% Now Cracking/Crumbling Location: Through		2036 e, Area Affe	* * ected : 40%			
	Water Penetration, E Location : Through	Extent : Moderate, 1	Area Affect	ed : 40%			
Built-Up (BUR)	95% Now Debris Present, Exte		2037 a Affected .	**			
	Gravel/Slag Surface, Location: Through	Extent : Moderate	e, Area Affe	cted : 55%			
	Worn/Eroded, Extend Location : Main Ro	t : Severe, Area Aff	fected : 66%	6			
Interior							
Floors Cast in Place Concrete	40% Now	\$32,300	LIFE	* *	5	\$17,000	
	Cracking/Crumbling Location: Through		e, Area Affe	ected : 40%			
	Water Penetration, E Location: Through	Extent : Moderate, 1	Area Affect	ed : 20%			
Ceramic Tile	5% Now Cracking/Crumbling Location: Through		2036 e, Area Affe	* * ected : 20%	5	\$500	
Vinyl Tile	55% Now Cracking/Crumbling Location: Through		2037 Area Affecte	* * ed : 66%	3	\$4,000	
	Worn/Eroded, Extens	t : Moderate, Area	Affected : 8	85%			

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 276

Asset #: 13162

rchitecture	Current Re	pair	Future	Future Replacement Maintenance			
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Interior Walls Ceramic Tile	40% Now Cracking/Crumbling, E. Location: Throughou		2036 , Area Aff	* * fected : 30%	5	\$3,000	
Concrete Masonry Unit	5% Now Cracking/Crumbling, E. Location: Throughou		LIFE , Area Aff	* * fected : 20%	5	\$300	
Masonry: Brick	10% Now Cracking/Crumbling, E. Location: Throughou Jnt Mortar Miss/Erod, I Location: Throughou	t Extent : Moderat					
Plaster	45% Now Cracking/Crumbling, E. Location: Throughou Vertical Cracks, Extent Location: Hose Towe Water Penetration, Exte	t : Severe, Area A r rnt : Severe, Area	ffected : '	70%	5	\$2,000	
Ceilings							
Ceramic Tile	35% Now Cracking/Crumbling, E. Location: Throughou		LIFE , <i>Area Afj</i>	* * fected : 30%	5	\$4,300	
Exposed Struc: Steel	35% Now Deformed/Dented, External Location: Throughout		LIFE rea Affect	* * ted : 20%			
Plaster	30% Now Cracking/Crumbling, E. Location: Throughou Water Penetration, Exte	t ent : Moderate, A			5	\$3,600	

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$300	
	Other Observation, Extent: Moderate,	Area Affec	ted : 100%			
	Location: Basement					
	Explanation : Main Service Switch Ra Through The Walls In The Basement	ted @ 350	Amperes. Eviden	ice Of W	ater Penetration	
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$48,800	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 276

Asset #: 13162

Electrical	Current Repa	ir Futur	Future Replacement Maintenar		laintenance	ance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Raceway							
Conduit	90%	2027	\$28,200	1			
Conduit	10%	2037	* *	1			
Panelboards	5 0 /	2025	* *	_			
Fused Disc Sw	5%	2035	**	5	#200		
Molded Case Bkrs	90%	2026	\$34,600	5	\$300		
Molded Case Bkrs	5%	2035		5			
Wiring Thermoplastic	90%	2027	\$24,900	1			
Thermoplastic	10%	2037	**	1			
Motor Controllers	1070	2037					
Locally Mounted	100%	2025	\$14,400	5	\$100		
Ground			+ ,				
Grounding Devices							
Generic	100%	LIFE	* *	5	\$200		
Stand-by Power							
Transfer Switches							
Automatic	100%	2032	* *	1	\$4,000		
Generators	1000/	2020	* *		45.000		
Diesel	100% Other Observation, Extent Location: Basement Explanation: Emergency Not Operational	-	ected : 100%	1 etem Of T	\$5,000 The Generator Is		
Batteries	тог орегинови						
Lead/Acid	100%	2020	\$1,500	5	\$500		
Fuel Storage							
Day Tank	50%	2035	* *	5	\$1,200		
	Other Observation, Extent Location : Basement Explanation : 75 Gallon:		cted : 100%				
Main Tank	50%	2030	* *	5	\$200		
	Other Observation, Extent Location : Basement Explanation : 275 Gallon		cted : 100%				
Lighting	<u> </u>	Raica Capacity					
Interior Lighting Fluorescent	25% T-12 Lamps And Fixtures, Location : Throughout T		\$8,800 ea Affected : 100%	10	\$3,000		
Fluorescent	70% T-8 Lamps And Fixtures, I Location: Throughout T	2027 Extent : Moderate, Area	\$24,700 a Affected : 100%	10	\$8,300		
Fluorescent	5% Compact Fluorescent Light Location: Basement	2027	\$1,800 Area Affected : 100	10	\$600		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 276 Asset #: 13162

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	100%		2027	\$6,400	1		
Exterior Lighting							
HID	10%		2027	\$4,900	10		
No Component	90%						
Alarm							
Security System							
No Component	90%						
Generic	10%		2027	\$3,900	1	\$500	
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Outside					
	Explanat	ion : CCTV Surveillance Can	neras				

Mechanical	Curre	ent Repair	Future Replacement		M		
System Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Steam Boiler	100%		2032	* *	1	\$12,900	
	Other Observation Location: Chin	on, Extent : Severe, Ared nney	a Affecte	ed : 100%			
	Explanation: U	Inder Size Boiler					
Distribution							
Central Plant Steam Piping/Pmp	100%		2037	* *	4	\$600	
1 6 1	Other Observation	on, Extent : Moderate, A	rea Affe	ected : 100%			
	Location: 2nd	Floor					
	Explanation: T	here Is One Thermosta	In The	Building			
Terminal Devices							
Convector/Radiator	75%		2025	\$48,800	1	\$3,200	
Unit Heater - Steam	25%		2022	\$10,900	4	\$300	
	Other Observation	on, Extent : Light, Area	Affected	: 25%			
	Location: Engi	ine Bay					
	Explanation : U	Init Heaters Serve Engi	ne Bay				
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 276

Asset #: 13162

Mechanical	Current Repai	r Future R	Future Replacement Maintenance			
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning		<u>l</u>				
Conversion Equipment						
Split Unit	10%	2027	\$25,900			
	Other Observation, Extent	: Light, Area Affected : 1	0%			
	Location: Roof					
	Explanation: 1 Unit. R-4	410a				
Window/Wall Unit	50%	2022	\$12,700	1		
	Other Observation, Extent	: Light, Area Affected : 1	%			
	Location: Roof					
	Explanation: There Is A	Roof Top Ac Unit Sitting		ever Beer	n Installed.	
Window/Wall Unit	15% Now	\$3,800 2027	\$3,800	1		
	Obsolete Equipment, Exter	ıt : Severe, Area Affected	: 15%			
	Location : Various					
No Component	25%					
Terminal Devices						
Fan Coil - 2 Pipe	10%	2027	\$17,300	1	\$400	
No Component	90%					
Heat Rejection						
Evaporative Condenser	10%	2027	\$2,800	2	\$900	
No Component	90%					
Ventilation						
Distribution Ductwork/Diffusers	10%	LIFE	* *	2-5	\$700	
Ductwork/Diffusers	Other Observation, Extent			2-3	\$700	
	Location: Kitchen Roof	. Severe, Area Affectea .	570			
	v	ator Exhaust Duct Needs	To Re Friende	l To Out	side Of The Roof	
No Component	90%	aioi Exitatisi Buci ivecas	To Be Extended	100111.	suc of the Roof	
Exhaust Fans	9070					
Roof	10%	2032	* *	2		
Roof	25% Now	\$300 2022	\$5,000	2	\$100	
1001	Not in Service, Extent : Se	· ·		_	Ψ100	
	Location : Roof	<i>"</i>				
Wall Unit	25%	2022	\$1,100	2	\$100	
No Component	40%	2022	ψ1,100	_	Ψ100	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2025	\$7,400	2	\$200	
	Other Observation, Extent	: Light, Area Affected : 1	00%			
	Location: Basement					
	Explanation: 2 Units, 74	Gallons Each				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 276

Asset #: 13162

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Sump Pump(s)				
Submersible	100%	2019 \$400	4 \$400	
Fixtures				
Generic	100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 728

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 277/LADDER CO. 112

Address : 582 KNICKERBOCKER AVENUE @ PALMETTO ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.277 / 13163 Yr Built/Renovated : 2007 /

Area Sq Ft : 15,756 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3343 Lot : 29 BIN : 3076461

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$282,900	\$156,700
Interior Architecture	\$77,700	
Total	\$360,500	\$156,700
Importance Code A	\$282,900	\$156,700
Importance Code B	\$77,700	
Total	\$360,500	\$156,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$43,500			
Interior Architecture	\$75,000	\$6,500	\$900	\$800
Electrical	\$3,300	\$2,600	\$3,100	\$4,100
Mechanical	\$31,700	\$2,700	\$3,600	\$2,000
Total	\$153,600	\$11,800	\$7,600	\$6,900
Importance Code A	\$44,300	\$800	\$800	\$800
Importance Code B	\$66,800	\$11,000	\$6,800	\$5,300
Importance Code C	\$42,500			\$800
Total	\$153,600	\$11,800	\$7,600	\$6,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13163

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	\$19,300	
Glass Block	2%			LIFE	* *	5	\$1,600	
Metal/Glass Curt Wall	18%		\$183,400	LIFE	* *	5	\$21,700	
			tent : Light, Area A					
			To Clean Exterior			sible		
			Extent : Moderate, A	Area Affe	cted : 10%			
			or Bunk Room	A CC .	1 150/			
			Extent : Severe, Are					
			acade (North Side)			E	A 1 E	
			orted Hazard - Col ewalk Below	naensate	ices On Metai Scr	eens, Fre	ezes Ana Free	
Pre-Cast Concrete	75%	0-2	\$99,500	LIFE	* *	5	\$156,700	
110 0000 00101010			d, Extent : Light, A		ted : 15%	3	Ψ130,700	
			er Walls At Grade					
Window Wall	2%			2048	**	5	\$4,800	
Windows	270			2040			ψ+,000	
Aluminum	100%	Now	\$4,200	2044	* *	5	\$500	
7 Manimani	Unit Inope	Unit Inoperable, Extent : Moderate, Area Affected : 20%						
	Location: 2nd Floor Rear Windows Installed Upside Down - Rendering Units To Function							
	Imprope							
			xtent : Moderate, A					
	Location	: Water Se	eeping Under Sill I	Pan - 2nd	Floor Bunk Room			
Parapets	0.00/					_	0.42.2 00	
Pre-Cast Concrete	90%			LIFE	* *	5	\$43,300	
Weathering Steel	10%			LIFE	* *	1		
Roof Cast in Place Concrete	5%	Now	\$200	LIFE	* *			
Cast in Place Concrete								
	Other Observation, Extent : Severe, Area Affected : 10% Location : Rear Courtyard							
			urryara ture And Ponding I	At Ventile	ation Grille Adiace	nt To Re	tention Tanks	
			eding Grounds	11 1 0111110	mon Grine Hajace	10 Ite	territori Territos	
Modified Bitumen	95%	0-2	\$7,100	2033	* *			
			•					
	Blisters, Extent : Moderate, Area Affected : 10% Location : Upper And Lower Roofs							
	Debris Pre	Debris Present, Extent : Moderate, Area Affected : 20%						
	Location	: Main Ro	of					
	Reflective	Surface, E	xtent : Light, Area	Affected	: 100%			
	Location	: Through	out					
	Seams Op	en/Split, Ex	ctent : Moderate, A	rea Affec	rted : 10%			
	Location	: Upper A	nd Lower Roofs					

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13163

Architecture		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Floors									
Cast in Place Concrete		Now	\$13,500	LIFE	* *	5	\$28,400		
			xtent : Severe, Are						
			_	-	And Floor Drains	Into Bas	sement		
			: Moderate, Area						
	Location	: At Entry	To Kitchen (Floor	Drain),	Basement Pump Re	oom And	Corridor		
Ceramic Tile		Now	\$700	2037	* *	5	\$400		
	Jnt Mortan	Miss/Eroc	l, Extent : Moderai	e, Area	Affected : 20%				
	Location	: 1st And 2	2nd Floor Bathroo	ns					
Quarry Tile	2%	4+	\$700	2041	* *	5	\$400		
•	Jnt Mortan	Miss/Erod	l, Extent : Light, A	rea Affec	cted : 10%				
	Location	: Kitchen	Area						
Vinyl Tile	30%			2033	* *	3	\$2,700		
Wood	10%	Now	\$77,700	2068	* *	5	\$2,200		
	Dry Rot/D	ecay, Exter	ıt : Severe, Area Aj	fected :	15%				
	Location: 2nd Floor Bunk Room								
	Uneven Su	rface, Exte	nt : Moderate, Are	a Affecte	ed : 35%				
	Location	: Through	out						
Interior Walls									
Cast in Place Concrete	25%			LIFE	* *	10	\$21,200		
Ceramic Tile	5%			2037	* *	5	\$1,700		
Concrete Masonry Unit	20%			LIFE	* *	5	\$5,400		
Gypsum Board	50%			LIFE	* *	5-10	\$28,800		
Ceilings									
AcousTileSusp.Lay-In	55%			2045	* *	5	\$13,000		
Exposed Struc: Steel	35%			LIFE	**	10	\$16,500		
	Other Observation, Extent: Light, Area Affected: 100%								
		: Through							
			ponent Actually Co						
Gypsum Board		Now	\$1,200	LIFE	* *	5	\$2,900		
	Water Penetration, Extent: Light, Area Affected: 5%								
-	Location	: First Flo	or Near Kitchen						
Site Pavements									
Public Sidewalk	1000/			2041	* *				
Cast in Place Concrete	100%			2041	1º 1º				

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13163

Electrical	Current Repair Future Replacement				M					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts			•							
Service Equipment										
Fused Disc Sw	70%		2048	* *	5					
		ervation, Extent : Moderate, A	Area Affe	ected : 100%						
		: Electrical Room Basement								
	Explana	ion : One 800 Amperes Main	Disconn	ect Switch For The	Entire I	Building.				
Fused Disc Sw	30%		2048	* *	5					
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 100%						
	Location	$: Electrical\ Room\ Basement$								
	Explana	ion : One 400 Amperes Main	Disconn	ect Switch For The	HVAC					
Switchgear / Switchboard	·									
Fused Disc Sw	100%		2048	* *	5	\$100				
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 100%						
	Location : Electrical Room Basement									
	Explana	ion : Six 100 Apms Each Mdp)							
Raceway										
Conduit	100%		2048	* *	1					
Panelboards										
Fused Disc Sw	5%		2044	* *	5					
Molded Case Bkrs	95%		2044	* *	5	\$400				
Wiring										
Thermoplastic	100%		2048	* *	1					
Motor Controllers										
Locally Mounted	100%		2041	* *	5	\$100				
Ground										
Grounding Devices				di di	_	*				
Generic	100%		LIFE	* *	5	\$500				
Stand-by Power										
Transfer Switches	1000/		2041	* *		# 4 000				
Automatic	100%	e E. M.	2041		1	\$4,900				
	Other Observation, Extent: Moderate, Area Affected: 100%									
		: Electrical Room Basement		,						
<u>-</u>	Explana	ion : Three Automatic Transf	er Switch	<u>1</u>						
Generators Diesel	1000/		2027	* *	1	¢ (100				
Diesei	100%		2037	1 - 1000/	1	\$6,100				
		ervation, Extent : Moderate, 1 : Generator Room Basement	<i>Area А</i> ฏе	естеа : 100%						
		ion : One 80 Kw Onan Cumn	ima Can	usat						
Dattarias	Ехріапа	ion . One oo Kw Onan Cumm	ums Gen	sei						
Batteries Lead/Acid	1000/		2022	¢1 500	5	¢400				
	100%		2022	\$1,500	5	\$600				
Fuel Storage Main Tank	100%		2056	* *	5	¢500				
IVIAIII TANK		ervation Extent : Moderate		ected : 100%	3	\$500				
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Generator Room									
		ion : One 275 Gallons								
Lighting	Елриана	ion . One 2/3 Guilons								

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13163

Electrical	Current Repair Future Replacer			M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	100%	2033	* *	10	\$14,500	
	Other Observation, Extent: Mod	erate, Area Affected : .	100%			
	Location: Throughout The Bui	lding				
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Service	60%	2033	* *	1		
Exit, Service	40%	2033	* *	1		
Exterior Lighting						
HID	70%	2033	* *	10		
Incandescent	30%	2033	* *	2		
Alarm						
Security System						
Generic	100%	2036	* *	1	\$5,900	
	Other Observation, Extent : Mod	erate, Area Affected :	100%			
	Location : Outside Only					
	Explanation: Three CCTV Sur	veillance Camera				
Fire/Smoke Detection						
Generic, Digital	100%	2033	* *	1-3	\$9,700	
	Other Observation, Extent : Mod	erate, Area Affected : .	100%			
	Location: Throughout The Bui	lding				
	Explanation: Pull Box, Stobe I	ights, Bell, Horn, Smo	ke Detector	And Fire	e Panelboard.	

Mechanical	Current Repair	Future	Replacement	М	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Natural Gas	100%	2048	* *	1					
Conversion Equipment									
Hot Water Boiler	100%	2041	* *	1	\$7,800				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement Boiler Room								
	Explanation: 2 Units								
Distribution									
Hot Wtr Piping/Pump	100%	2044	* *	4	\$1,200				
	Other Observation, Extent: Moderate,	Area Affect	ted : 75%						
	Location: Throughout								
	Explanation: There Is No Temperatur	e Control,	Except Apparatu	s Floor.					
Terminal Devices									
Air Handler	30%	2033	* *	1	\$2,900				
Convector/Radiator	40%	2041	* *	1	\$2,000				
Fan Coil Unit/Heat	30%	2033	* *	1	\$1,500				
Air Conditioning									
Energy Source									
Electricity	100%	2044	* *	1					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13163

echanical	Current Repair Future Replacem			e Replacement	ment Maintenance				
estem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
r Conditioning Conversion Equipment									
Ext Pkg Unit - Heating/Cooling	55%	0-2	\$10,100	2033	* *	2	\$400		
	R-22 Refri Location		tent : Light, Area A	Affected :	55%				
	Other Obs Location		Extent : Light, Area	Affected	! : 80%				
	Explanat	ion : 4 Uni	its. Inefficient Unit	s.					
Split Unit	10%			2033	* *				
	Location		Extent : Light, Area Vatch And 2nd Floo Sits. R-410a		! : 10%				
Window/Wall Unit No Component	10% 25%			2026	\$3,100	1			
Terminal Devices									
Fan Coil - 2 Pipe	10%			2033	* *	1	\$500		
No Component	90%								
Heat Rejection									
Evaporative Condenser	10%			2033	* *	2	\$1,100		
No Component	90%								
ntilation									
Distribution Ductwork/Diffusers	1000/	Now	\$6,800	LIFE	* *	2-5	\$0.000		
Ductwork/Diffusers			۵۵,800 evere, Area Affecte			2-3	\$8,800		
					From Apparatus Fl	oor.			
Exhaust Fans					Transmission of the second of				
Roof	100%	Now	\$1,200	2033	* *	2	\$400		
11001			Extent : Severe, A		rted : 10%	_	ψ100		
			Exhaust System	33					
mbing									
H/C Water Piping									
Brass/Copper	100%			2048	* *	1			
Water Heater									
Gas Fired	100%			2026	\$9,000	2	\$200		
			Extent : Light, Area	Affected	! : 100%				
			t Boiler Room						
- · · ·	Explanat	ion : 2 Uni	its						
Sanitary Piping	1000/	NT.	¢10.000	LIEE	* *	1			
Cast Iron		Now	\$10,800	LIFE		1			
	Blockage /Clogged, Extent: Severe, Area Affected: 5% Location: 2nd Floor Mala Restroom And Rasement Water Meter Room								
	Location: 2nd Floor Male Restroom And Basement Water Meter Room. Local Evident Extent: Sovere Area Affected: 5%								
	Leak Evident, Extent: Severe, Area Affected: 5% Location: Leaking From 1st Floor To Basement Boiler Room Other Observation, Extent: Severe, Area Affected: 10%								
	Location	: Basemer	nt .						
	Explanat Frequent		r Drain System De	fected Co	uses Water Backii	ng Up In	Basement		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13163

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%	Now \$700	2033	* *	4	\$300	
	Corroded,	Extent : Moderate, Area Aff	ected : 20	9%			
	Location	: Housing Of The Sump Pun	np, Basen	ient Boiler Room			
	Malfunction	ning, Extent : Severe, Area A	Affected :	50%			
	Location	: Boiler Room					
Backflow Preventer							
Generic	100%		2033	* *	1	\$1,000	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	80%						
Generic	20%		2048	* *	1-2	\$900	
Chemical System							
Generic	100%		2026	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 279/LADDER CO. 131

Address : 252 LORRAINE STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 10,548 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Apr-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3

Block : 486 Lot : 18 BIN : 3008207

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$64,900	
Electrical		\$79,600
Mechanical		\$230,800
Total	\$64,900	\$310,300
Importance Code A		\$63,800
Importance Code B		\$246,500
Importance Code C	\$64,900	
Total	\$64,900	\$310,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,900	\$10,000		
Interior Architecture	\$50,300	\$2,200	\$700	
Electrical	\$9,500		\$100	\$10,100
Mechanical	\$2,300	\$2,100	\$2,200	\$19,100
Total	\$65,100	\$14,400	\$2,900	\$29,200
Importance Code A	\$3,900	\$11,100	\$1,000	\$1,100
Importance Code B	\$52,000	\$3,300	\$1,600	\$28,100
Importance Code C	\$9,200		\$300	
Fotal	\$65,100	\$14,400	\$2,900	\$29,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13165

Architecture		Current F	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Masonry: Brick	70%			LIFE	* *	5	\$22,500		
Masonry: Granite	5%			LIFE	* *	5	\$1,200		
Masonry: Limestone	10%			LIFE	* *	5	\$2,400		
Stucco Cement	5%			2040	* *	5	\$4,000		
Wood Overhead Doors	10%			2040	* *	5	\$16,100		
Windows									
Aluminum	100%			2043	* *	5	\$700		
Parapets									
Cast Stone/Terra Cotta	30%			LIFE	* *	5	\$2,700		
	-	place Evide : All Copii	ent, Extent : Light, ng Stones	Area Aff	ected : 100%				
Masonry: Brick	70%			LIFE	* *	5	\$800		
,	-	place Evide : All Para	ent, Extent : Light, pet Walls		ected : 100%		****		
Roof									
Modified Bitumen	100% Blisters, E	0-2 xtent : Mod	\$2,900 derate, Area Affect	2032 ed: 20%	* *				
		: Through	. 55						
terior									
Floors									
Cast in Place Concrete	30%			LIFE	* *	5	\$10,400		
Ceramic Tile	5%			2036	* *	5	\$800		
Quarry Tile	5%			2040	* *	5	\$1,200		
Vinyl Tile	60%			2032	* *	3	\$3,600		
Interior Walls									
Ceramic Tile	5%			2036	* *	5	\$500		
Masonry: Brick	40%	Now	\$64,900	LIFE	* *				
·	1 0	Extent : Sev : Basemen	eere, Area Affected at	: 40%					
			nt : Severe, Area A Wall At Rear Bean		5%				
Plaster	55% Cracking/	Now	\$9,200 Extent : Moderate	LIFE	* * ffected : 25%	5	\$1,700		
		etration, E : 3rd Floo	xtent : Moderate, A r	Area Affe	cted : 10%				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13165

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2040	* *	5	\$800	
Exposed Concrete	20%	Now	\$10,100	LIFE	* *	5	\$500	
	O	Crumbling, : Rear Wa	Extent : Severe, A ll Beam	rea Affec	cted : 20%			
	•	einforceme : Rear Wa	nt, Extent : Severe ll Beam	, Area Aj	ffected : 20%			
Plaster	75%	Now	\$31,000	LIFE	* *	5	\$7,400	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 20%							
	Location	: 3rd Floo	r					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	: 3rd Floo	r					

Electrical		Current Repair	Futur	re Replacement	M			
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	50%		2037	* *	5			
		rvation, Extent : Moderate	e, Area Affe	ected : 100%				
		: Basement						
	Explanati	on : Main Service Disconr	ect Switch	Rated @ 200 Amp	eres			
Molded Case Bkrs	50%		2027	\$2,400	5	\$100		
	Other Obse	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location	: Basement						
	Explanati	on : Main Service Disconr	ect Switch	Rated @ 250 Amp	eres			
Switchgear / Switchboard								
Molded Case Bkrs	100%		2027	\$48,800	5	\$300		
Raceway								
Conduit	80%		2027	\$25,000	1			
Conduit	20%		2037	* *	1			
Panelboards								
Molded Case Bkrs	80%		2026	\$30,800	5	\$200		
Molded Case Bkrs	20%		2035	* *	5	\$100		
Wiring								
Thermoplastic	20%		2037	* *	1			
Thermoplastic	80%		2027	\$22,200	1			
Ground								
Grounding Devices								
Generic	100%	0-2 \$9,500	LIFE	* *	5	\$200		
	Other Obse	rvation, Extent : Moderate	e, Area Affe	ected : 100%				
	Location	: Basement Near Water Se	rvice					
	Explanati	on : Main Electric Service	Ground, C	Corroded.				

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13165

Electrical	Current Repair	Future Re	placement	Maintenance			
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting							
Interior Lighting							
Fluorescent	95%	2027	\$27,100	10	\$9,200		
	T-8 Lamps And Fixtures, Exten	t : Moderate, Area Afj	fected : 100%				
	Location : Throughout The B	uilding					
Fluorescent	5%	2022	\$1,400	10	\$500		
	T-12 Lamps And Fixtures, Exte	nt : Moderate, Area A	ffected : 100%				
	Location: 1st Floor And Hal	lways					
Egress Lighting							
Exit, Service	100%	2027	\$1,200	1			
Exterior Lighting							
HID	20%	2022	\$8,000	10			
No Component	80%		ŕ				

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2037	* *	1		
Conversion Equipment						
Steam Boiler	100%	2025	\$63,800	1	\$10,500	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 4 Units Pipe	ed Together				
Distribution						
Central Plant Steam Piping/Pmp	100%	2027	\$166,900	4	\$800	
1 0 1	Other Observation, Extent : Location : 2nd Floor	Moderate, Area Affe	cted : 100%			
	Explanation : There Is On	ly 1 Thermostat In Th	ne Building			
Terminal Devices	1	•				
Convector/Radiator	80%	2032	* *	1	\$2,700	
Unit Heater - Steam	20%	2022	\$7,100	4	\$200	
	Other Observation, Extent:	Light, Area Affected				
	Location: Engine Bays					
	Explanation : Unit Heater	s Serve Truck Bays				
Air Conditioning						
Energy Source						
Electricity	100%	2035	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13165

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Exterior Pkg Unit - Cooling	40%	2035	**	2	\$300	
	Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Unit. Uses R410 A	ea Affected	: 40%			
Window/Wall Unit No Component	10% 50%	2022	\$2,100	1		
Ventilation Distribution	0070					
Distribution Ductwork/Diffusers No Component	50% 50%	LIFE	* *	2-5	\$2,900	
Exhaust Fans Roof Wall Unit	50% 15%	2035 2027	**	2	\$200 \$100	
No Component	35%	2027	\$500	2	\$100	
Plumbing H/C Water Piping						
Brass/Copper	100% No Water Meter, Extent : Light, Area L Location : Basement	2037 Affected : 1	* *	1		
Water Heater Gas Fired	100%	2022	\$6,000	2	\$200	
	Other Observation, Extent : Light, Are Location : Basement Explanation : 1 Unit 75 Gallons	ea Affected	: 100%			
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sump Pump(s) Submersible	100%	2020	\$300	4	\$300	
Backflow Preventer Generic	100%	2032	* *	1	\$700	
Fixtures Generic	100%					
Fire Suppression Chemical System						
Generic	100%	2022	\$1,900	1-3	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 740

FIRE DEPARTMENT - FY 2018 Print Date: 13-Oct-2017

Asset Name : ENGINE CO. 28/LADDER CO. 11

Address : 222 EAST 2nd STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.028 / 13020 Yr Built/Renovated : 1959 / 2010

Area Sq Ft : 6,532 **Project Type** : FIRE DEPARTMENT

Date of Survey : 06-Jul-2012 **Landmark Status** : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 385 Lot BIN : 1004608

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$38,400	
Interior Architecture	\$52,100	
Electrical	\$38,500	
Total	\$129,000	
Importance Code A	\$38,400	
Importance Code B	\$90,600	
Total	\$129 000	

\$129,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$56,900		\$5,300	\$7,800
Interior Architecture	\$72,100			\$400
Electrical	\$51,700			\$100
Mechanical	\$7,100	\$500	\$37,100	\$500
Total	\$187,800	\$500	\$42,300	\$8,800
Importance Code A	\$57,200	\$300	\$5,600	\$8,100
Importance Code B	\$115,800	\$200	\$36,800	\$700
Importance Code C	\$14,800			
Total	\$187,800	\$500	\$42,300	\$8,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13020

Architecture	Current R	epair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Exterior Walls Masonry: Brick	90% 0-2 Cracking/Crumbling, I Location : Througho Jnt Mortar Miss/Erod, Location : Througho	ut Extent : Light, A			5	\$18,900	
Wood Overhead Doors	10%	iii	2036	* *	5	\$10,500	
Windows	10.0					ψ10,e00	
Aluminum	100% Now Broken/Missing Eleme Location: Througho	_	2039 t, Area A <u>j</u>	* * fected : 10%	5	\$1,100	
Parapets							
Masonry: Brick	90%		LIFE	* *	5	\$2,200	
Metal Rail	10% Now Broken/Missing Eleme Location: Main Entr Deformed/Dented, Ext Location: Main Entr	rance Facade ent : Severe, Area			5	\$1,800	
Roof							
Roll Roofing	100%		2022	\$38,400	5	\$15,500	
Interior Floors Cast in Place Concrete	65% 2-4 Cracking/Crumbling, Location: Basement	\$19,900 Extent : Moderate	LIFE , Area Af	* * fected : 50%	5	\$14,000	
Ceramic Tile	4% Recent Replace Evider Location : Througho	_	2038 Area Affe	* * ected : 100%	5	\$400	
Ceramic Tile	1% Now Cracking/Crumbling, I Location: Througho		2026 rea Affect	\$1,900 ted : 40%	5		
Vinyl Tile	30% 2-4 Worn/Eroded, Extent: Location: Second Fl			**	3	\$1,100	
Interior Walls							
Ceramic Tile	5% Recent Replace Evider Location : Througho	_	2038 Area Affe	* * ected : 100%	5	\$700	
Gypsum Board	5%		LIFE	* *	5	\$400	
Plaster	65% Now Cracking/Crumbling, I Location: Water Penetration, Ex				5	\$2,800	
	Location: Basement,	Staircase And H	ose Towe	r			
SGFT/Glazed Masonry	25%		LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13020

Architecture	Current Repair Future Replacement		Maintenance					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$7,900	2043	* *	5	\$500	
	Misaligned/Bulging, Extent : Light, Area Affected : 80% Location : 2nd Floor Water Penetration, Extent : Severe, Area Affected : 10%							
		etration, E. : Office 2n		а Ајјесте	a : 10%			
Exposed Concrete	55%	0-2	\$52,100	LIFE	* *	5	\$800	
1	Worn/Erod	ed, Extent	: Severe, Area Aff	ected : 20	0%			
	Location	: Basemen	t					
Gypsum Board	5%			LIFE	* *	5	\$600	
Plaster	30%	0-2	\$3,900	LIFE	* *	5	\$1,800	
	Loose/Dela	ım Surface	, Extent : Moderat	e, Area A	Affected : 10%			
	Location	: 2nd Floo	r					

Electrical	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2023	\$4,800	5		
	Obsolete Equipment, E	Extent : Severe, Ai	rea Affec	ted : 100%			
	Location: Basement						
	Other Observation, Ex	tent : Moderate, A	Area Affe	cted : 100%			
	Location: Basement						
	Explanation: 250 An	nperes					
Raceway							
Conduit	100%		2023	\$31,300	1		
Panelboards							
Molded Case Bkrs	100%		2022	\$38,500	5	\$200	
Wiring							
Braided Cloth	90% 0-2	\$24,900	2048	* *	1		
	Insulation Aged, Exten	t : Moderate, Are	a Affecte	ed: 100%			
	Location: Throughou	ut					
Thermoplastic	10%		2033	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
	Other Observation, Ex. Location : Basement	tent : Moderate, A	Area Affe	cted : 100%			
	Explanation: Water	Main					
Lighting							
Interior Lighting							
Fluorescent	95%		2028	\$16,800	10	\$5,700	
Incandescent	5%		2019	\$2,100	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13020

Electrical	ctrical Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail I Total (Yea	Date Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting								
Egress Lighting								
Exit, Service	50%		2023	\$400	1			
Exit, Battery	50%		2023	\$1,200	10	\$200		
Exterior Lighting								
HID	100%		2019	\$24,600	10			

Mechanical	Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$3,200	
	Other Observation, Extent : Light, Are	ea Affected	: 100%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2039	* *	4	\$500	
Terminal Devices						
Convector/Radiator	100%	2021	\$32,700	1	\$2,100	
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		
Conversion Equipment						
Window/Wall Unit	50% 0-2 \$6,400		\$6,400	1		
	Other Observation, Extent: Severe, A.	rea Affecte	d : 50%			
	Location: Throughout					
	Explanation : On Extended Life And	Worn Out				
No Component	50%					
	Other Observation, Extent: Light, Are	ea Affected	: 0%			
	Location: Basement					
	Explanation: Gym Has No A C					
Ventilation						
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$700	
No Component	80%					
Exhaust Fans						
Roof	20%	2028	\$2,000	2		
No Component	80%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater						
Gas Fired	100%	2021	\$3,700	2	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13020

lechanical	Current	Repair Futu	ire Replacement	Maintenance		
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2023	\$900	4	\$200	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 280/LADDER CO. 132

Address : 489 ST. JOHN'S PLACE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 5,775 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1174 Lot : 51 BIN : 3029451

CAPITAL		FY 2019 - 2022		FY 2023 - 2028
Exterior Architecture		\$45,800		\$90,500
Total		\$45,800		\$90,500
Importance Code A		\$45,800		\$90,500
Total		\$45,800		\$90,500
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Estada Analda Analda	¢0,000	\$200		

\$8,500 \$90,900 \$1,100	\$800 \$200	\$600 \$4,400	\$600 \$1,000
	·	*	·
\$8,500	\$800	\$600	\$600
\$100,600	\$1,000	\$5,000	\$1,500
\$13,300	\$800	\$4,600	\$800
\$9,600			
\$69,700		\$400	\$800
\$8,000	\$300		
FY 2019	FY 2020	FY 2021	FY 2022
	\$8,000 \$69,700 \$9,600 \$13,300	\$8,000 \$300 \$69,700 \$9,600 \$13,300 \$800	\$8,000 \$300 \$69,700 \$400 \$9,600 \$13,300 \$800 \$4,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13166

Architecture	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior						
Exterior Walls						
Concrete Masonry Unit	5%	LIFE	* *	5	\$600	
Masonry: Brick	75% Now	\$45,800 LIFE	**	5	\$15,200	
	Painted Surfaces, Extent: N Location: East Facade	Aoaerate, Area Affecto	ea : 25%			
	Spalling, Extent : Moderate	Area Affected : 15%				
	Location : East Facade	, Агей Ајјесіей . 1570				
Masonry: Granite	2%	LIFE	* *	5	\$300	
Masonry: Limestone	10%	LIFE	* *	5	\$1,500	
Metal Sect. OHD	8%	2028	\$50,600	5	\$5,100	
Windows						
Aluminum	100%	2045	* *	5	\$500	
	Recent Replace Evident, Ex Location: Throughout	tent : Light, Area Affe	cted : 100%			
Parapets						
Masonry: Brick	80%	LIFE	* *	5	\$600	
	Recent Repair Evident, Exte Location: Throughout	ent : Light, Area Affec	ted : 25%			
Metal: Cage/Fence	10%	2028	\$1,500	5-10	\$600	
Pre-Cast Concrete	10%	LIFE	**	5	\$500	
Roof						
Modified Bitumen	100% Now Miss/Damaged Flashings, E Location: East Side	\$8,000 2028 Extent : Moderate, Are	\$39,900 ea Affected : 15%			
	Water Penetration, Extent: Location: Engine Office	Moderate, Area Affec	eted : 10%			
terior						
Floors						
Cast in Place Concrete	50%	LIFE	**	5	\$11,200	
	Water Penetration, Extent : Location : Cellar	Moderate, Area Affec	eted : 15%			
Ceramic Tile	5%	2032	* *	5	\$500	
Quarry Tile	5%	2036	* *	5	\$800	
Vinyl Tile	40% Now	\$34,600 2033	* *	3	\$1,500	
	Adhesion Failure, Extent : I Location : Second Floor	Moderate, Area Affect	ed : 25%			
	Cracking/Crumbling, Exten Location: Second Floor	t : Moderate, Area Afj	fected : 25%			
	Worn/Eroded, Extent: Mod Location: Second Floor	erate, Area Affected :	25%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13166

Architecture	Cu	Current Repair		Future Replacement		Maintenance	
System Component Type		l Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Masonry: Brick	45%		LIFE	* *			
Plaster	50% N	ow \$1,100	LIFE	* *	5	\$400	
	Cracking/Crun	nbling, Extent : Moderat	e, Area Aj	fected : 10%			
	Location : 2n	nd Floor Dormitory and I	Laundry				
	Paint Peeling,	Extent: Severe, Area Afj	fected : 20	0%			
	Location: 2n	nd Floor Officer, Bath					
Wood	5%		LIFE	* *	5	\$600	
Ceilings							
AcousTileSusp.Lay-In	5%		2028	\$4,100	5	\$500	
	Water Penetra Location : E	tion, Extent : Moderate, . 1gine Office	Area Affe	cted : 10%			
Exposed Concrete	25% N	ow \$24,600	LIFE	* *	5	\$400	
r		nbling, Extent : Moderate		fected : 25%	-	4	
	Location : Bo						
	Exposed Reinfo	orcement, Extent : Mode	rate. Area	Affected : 25%			
	Location : Bo		,	33			
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Bo		33				
	Explanation	: Extra Load Of Apparat	us Floor i	s Reinforced With	Lally Co	lumns	
Plaster		J 11		**			
1 105101		+- ,		ffected · 10%	J	ψτ,500	
	O	0.	., ты п	jecieu . 10/0			
Plaster	70% N Cracking/Crun Location : 2n	nbling, Extent : Moderat	LIFE e, Area Aj		5	\$4,500	

ectrical	Current Repair	Future Repla	cement	Maintenance			
stem Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
der 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	2043	* *	5	\$200		
	Other Observation, Extent : Me	oderate, Area Affected : 1	00%				
	Location: Basement						
	Explanation : Main Service F	Protector Rated @ 600 An	nperes				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2043	* *	5	\$200		
Raceway							
Conduit	50%	2033	* *	1			
Conduit	50%	2043	* *	1			
Panelboards							
Molded Case Bkrs	100%	2039	* *	5	\$200		
Wiring							
Thermoplastic	100%	2043	* *	1			
Motor Controllers							
Locally Mounted	100%	2036	* *	5			

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13166

Electrical	Curren	Current Repair		e Replacement	Maintenance			
System Component Type	% of Fail Dar Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ground								
Grounding Devices								
Generic	100% 0-2	\$9,500	LIFE	* *	5	\$100		
	Other Observation,	Extent: Moderate,	Area Affe	ected : 100%				
	Location: Basem	ent						
	Explanation: Con	roded						
Lighting								
Interior Lighting								
Fluorescent	100%		2028	\$15,600	10	\$5,300		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throug	ghout The Building						
	Explanation: T-8	Lamps						
Egress Lighting								
Exit, Service	100%		2023	\$600	1			
Exterior Lighting								
HID	100%		2023	\$21,800	10			

Mechanical		Current Repair	Fu	ture	Replacement	M	aintenance	Priority
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Yes		Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%		204	13	* *	1		
Conversion Equipment								
Steam Boiler	100%		203	6	* *	1	\$5,700	
	Other Obse	rvation, Extent : Ligh	t, Area Affec	ted	: 100%			
	Location .	Basement						
	Explanati	on : 1 Unit						
Distribution								
Central Plant Steam Piping/Pmp	100%	Now \$1	,800 204	13	* *	4	\$300	
14814	Insul. Deter	riorating, Extent : Mo	derate, Area	Aff	ected : 30%			
	Location .	: Basement		55				
Terminal Devices								
Convector/Radiator	100%		203	6	* *	1	\$1,900	
Air Conditioning								
Energy Source								
Electricity	100%		203	9	* *	1		
Conversion Equipment								
Window/Wall Unit	60%		201	9	\$6,800	1		
No Component	40%							
/entilation								
Distribution								
Ductwork/Diffusers	100%		LIF	Έ	* *	2-5	\$3,200	
Exhaust Fans								
Interior	20%		202	23	\$3,800	2		
Roof	80%		202	23	\$7,200	2	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13166

Mechanical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Gas Fired	100%		2021	\$3,300	2	\$100	
Sanitary Piping							
Cast Iron	100% 0-2	\$4,000	LIFE	* *	1		
	Corroded, Extent	t : Moderate, Area Affe	cted : 20	%			
	Location: Base	ement					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 281/LADDER CO. 147

Address : 1210 CORTELYOU ROAD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.281 / 13167 Yr Built/Renovated : 1912 /

Area Sq Ft : 10,106 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5155 Lot : 4 BIN : 3118638

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$177,400	\$64,100
Interior Architecture		\$57,800
Electrical		\$67,300
Mechanical		\$210,500
Total	\$177,400	\$399,700
Importance Code A	\$177,400	\$64,100
Importance Code B		\$335,600
Total	\$177,400	\$399,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$37,000			\$4,900
Interior Architecture	\$71,300	\$1,200		\$2,700
Electrical	\$28,900	\$100	\$100	\$300
Mechanical	\$45,700	\$1,400	\$1,800	\$20,000
Total	\$182,800	\$2,600	\$1,900	\$27,900
Importance Code A	\$38,000	\$1,000	\$1,000	\$6,000
Importance Code B	\$107,500	\$500	\$900	\$21,800
Importance Code C	\$37,300	\$1,200		
Total	\$182,800	\$2,600	\$1,900	\$27,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13167

rchitecture	Current Repair	M							
estem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority				
terior		•	•		•				
Exterior Walls									
Masonry: Brick	75% Now \$88,800	LIFE **	5	\$29,500					
	Water Penetration, Extent: Moderate, Location: West Facade At Grade	Area Affected : 10%							
Masonry: Granite	3%	LIFE **	5	\$900					
Masonry: Limestone	15%	LIFE **	5	\$4,400					
Slate Panels	2% 2-4 \$8,200	LIFE **	5	\$600					
	Cracking/Crumbling, Extent: Moderate Location: Window Sills	te, Area Affected : 25%							
Wood Overhead Doors	5%	2032 **	5	\$9,800					
Windows	1000/ 37	2052 **	_	4.40					
Aluminum	100% Now \$88,700 Unit Inoperable, Extent : Severe, Area	2032	5	\$1,100					
	Location: Throughout	Affectea : 50%							
	Water Penetration, Extent: Moderate,	Area Affected : 5%							
	Location: Second Floor Bathroom	mea nyjeciea . 570							
	Other Observation, Extent : Severe, Ar	ea Affected : 100%							
	Location: Throughout	eurigeereur 10070							
	Explanation: Windows Are Old, Sing	gle-glazed And Deteriorated	. They Sh	ould Be Replaced					
Parapets									
Cast Stone/Terra Cotta	5%	LIFE **	5	\$1,500					
Masonry: Brick	80% 0-2 \$17,400	LIFE **	5	\$3,000					
	Jnt Mortar Miss/Erod, Extent : Modera Location : Throughout	ate, Area Affected : 20%							
	Spalling, Extent: Moderate, Area Affe	cted : 20%							
	Location: Main Roof								
	Vertical Cracks, Extent : Light, Area A								
	Location : Street Facade @ Entrance								
Masonry: Sandstone	15% Now \$5,000	LIFE **	5	\$700					
	Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 25%								
	Location: Coping Stones	A.CC . 1 1000/							
	Other Observation, Extent: Light, Are	a Affectea : 100%							
	Location : Coping Explanation : Actually Bluestone								
Roof	Explanation . Actually bluestone								
Modified Bitumen	100% Now \$6,400	2027 \$64,100							
	Blisters, Extent: Light, Area Affected:	. ,							
	Location : Main Roof								
	Miss/Damaged Flashings, Extent : Lig	ht, Area Affected : 15%							
	Location: Main Roof								
	Ridging, Extent : Moderate, Area Affect	cted : 20%							
	Location: Upper And Lower Roofs								

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 281/LADDER CO. 147

Asset #: 13167

Architecture		Current R	epair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete		Now	\$12,600	LIFE	* *	5	\$13,200	
			tent : Severe, Ared From Storm Drain		d : 15%			
	Worn/Erod	led, Extent .	: Moderate, Area	Affected	: 10%			
	Location	: Gymnasiı	ım Floor					
Ceramic Tile	15%	Now	\$2,200	2030	* *	5	\$1,100	
	Broken/Mis Location		ents, Extent : Mode	erate, Ar	ea Affected : 10%		. ,	
Vinyl Tile	45%	0-2	\$11,600	2027	\$57,800	3	\$2,600	
·			: Moderate, Area A nd Third Floors	Affected				
Interior Walls								
Ceramic Tile	10%			2030	* *	5	\$2,400	
Masonry: Brick	35%	Now	\$32,100	LIFE	* *			
			tent : Moderate, A Front Basement V		ected : 70%			
Plaster	55%	4+	\$5,200	LIFE	* *	5	\$3,900	
		etration, Ex : At Roof H	tent : Moderate, A Iatch	rea Affe	ected : 10%			
Ceilings								
AcousTileSusp.Lay-In	25%			2032	* *	5	\$3,800	
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board		Now	\$7,600	LIFE	* *	5	\$900	
	Worn/Erod Location		: Severe, Area Affe	cted : 2.	5%			
Plaster	45%			LIFE	* *	5	\$4,300	

Electrical	Current Repa	ir Futur	e Replacement	M		
ystem Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$300	
	Other Observation, Exten	t : Moderate, Area Affe	cted : 100%			
	Location: Basement					
	Explanation: Enclosure	Corroded, Missing Co	ver. Main Service	Switch R	ated @ 350	
	Amperes.	Ü				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$48,800	5	\$300	
Raceway						
Conduit	100%	2027	\$31,300	1		
Panelboards						
Fused Disc Sw	2%	2026	\$800	5		
Molded Case Bkrs	48%	2026	\$18,500	5	\$100	
Molded Case Bkrs	50%	2035	* *	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13167

Electrical	Current Re	pair F	uture	Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)		ear l Y	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Wiring							
Braided Cloth	70% Now	\$19,400 20	52	* *	1		
	Insulation Aged, Extent Location : Throughou		ted : 1	00%			
Thermoplastic	30%	20	27	\$8,300	1		
Ground							
Grounding Devices							
Generic	100% 0-2	\$9,500 LI	FE	* *	5	\$100	
	Other Observation, Ext Location : Basement Explanation : Corrodo		Affect	ted : 100%			
Lighting							
Interior Lighting							
LED	100%	20	35	* *			
Exterior Lighting							
HID	20%	20	27	\$7,600	10		
No Component	80%						

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Steam Boiler	100%			2032	* *	1	\$10,000	
	Other Obs	ervation, Exten	t : Light, Area	Affected	: 100%			
	Location	: Basement						
	Explanat	ion : 1 Unit						
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	\$8,000	2027	\$159,900	4	\$500	
1 2 1	Corroded, Extent : Moderate, Area Affected : 5% Location : Basement							
		riorating, Exte : Basement	nt : Moderate	Area Afj	fected : 5%			
Terminal Devices								
Convector/Radiator	100%			2025	\$50,600	1	\$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	\$1,200	2022	\$11,800	1		
	Not in Service, Extent : Moderate, Area Affected : 15%							
	Location	: Various						
No Component	40%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13167

echanical	Current I	Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ntilation									
Distribution									
Ductwork/Diffusers	60%		LIFE	* *	2-5	\$3,400			
No Component	40%								
Exhaust Fans									
Roof	50%		2032	* *	2	\$200			
Wall Unit	20%		2022	\$700	2	\$100			
No Component	30%								
mbing									
H/C Water Piping	1000/ 37	**		ate at					
Brass/Copper	100% Now	\$14,100	2037	* *	1				
	Corroded, Extent : Se		d : 30%						
	Location : Basemen	ıt							
Water Heater					_	****			
Gas Fired	100%		2022	\$5,800	2	\$100			
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Basemen								
	Explanation: 2 - 75	5 Gallon Units							
Sanitary Piping	1000/ 37	** **********************************		ate at					
Cast Iron	100% Now	\$20,700	LIFE	**	1				
	Blockage /Clogged, Extent: Severe, Area Affected: 10%								
	Location: Basemen								
	Corroded, Extent : Se		d: 20%						
	Location: Basemen								
	Other Observation, E Location : Basemen		a Affectea	l : 10%					
	Explanation : Wate Needs To Be Take (Soil Comp	letely. Flooding I	n Basem	ent. Sewage Issue			
Storm Drain Piping	iveeus 10 De 14Ke (Jure Orgenny:							
Cast Iron	100%		LIFE	* *	1				
Sump Pump(s)	10070		LIIL		1				
Submersible	100% Now	\$300	2022	\$300	4	\$200			
Submersible		·			7	Φ200			
	Malfunctioning, Extent : Severe, Area Affected : 30% Location : Basement								
Fixtures	Zocamon : Busemen								
Generic	100%								
Generic	100/0								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 282/LADDER CO. 148

Address : 4210 12th AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 13,756 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5597 Lot : 44 BIN : 3135859

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$54,700	
Electrical		\$27,900
Total	\$54,700	\$27,900
Importance Code A	\$54,700	
Importance Code B		\$27,900
Total	\$54,700	\$27,900

Total	\$92,300	\$2,500	\$11,400	\$1,600
Importance Code C	\$8,700	\$1,000		
Importance Code B	\$46,800	\$800	\$10,700	\$1,000
Importance Code A	\$36,800	\$700	\$700	\$700
Total	\$92,300	\$2,500	\$11,400	\$1,600
Mechanical	\$24,000	\$1,500	\$8,100	\$1,500
Electrical			\$3,300	\$100
Interior Architecture	\$32,200	\$1,000		
Exterior Architecture	\$36,100			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13168

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	900/	N	¢54.700	LIEE	* *	_	¢10.200	
Masonry: Brick		Now Extent : Me	\$54,700 derate, Area Affec	LIFE		5	\$18,200	
			pet Level, Side Fac		,			
Masonry: Granite	5%	4+	\$2,700	LIFE	* *	5	\$900	
·	_	iscoloring: : Front Fa	Extent : Moderate acade.	e, Area A <u>j</u>	ffected : 10%			
Masonry: Limestone	10%			LIFE	* *	5	\$1,700	
	_	iscoloring; : Front Fa	Extent : Light, Ar acade.	ea Affecte	ed : 2%			
Metal Sect. OHD	5%			2043	* *	5	\$3,500	
Windows	1000:	4.	** ***	20.40	ala di	_	4. - 0.0	
Aluminum	100%	4+	\$2,600 Extent : Light, Area	2048	**	5	\$1,500	
			xieni . Ligni, Area or Latches Loose O		. 1370			
Parapets	2000	. 2.10.1 100	T Davenes Doose o	. 2.0.00.				
Masonry: Brick	85%	Now	\$6,500	LIFE	* *	5	\$2,300	
			: Light, Area Affed Throughout.	cted : 10%	%			
Masonry: Limestone	15%	Now	\$4,200	LIFE	* *	5	\$500	
		_	ents, Extent : Ligh Stones Located Ove	-	-	•		
Roof								
Modified Bitumen	_	4+ 1g, Extent : : All Sean	\$20,100 Light, Area Affect	2031 ed : 10%	* *			
		ud/Misposn : Through	, Extent : Moderat out Roof.	e, Area A	ffected : 5%			
			xtent : Moderate, A	Area Affe	cted : 20%			
	Location	: Lower R	oof					
Interior								
Floors Cast in Place Concrete	44%			LIFE	* *	5	\$14,200	
Ceramic Tile	9%			2039	* *	5	\$1,300	
Wood		Now	\$22,900	2054	* *	5	\$6,500	
		ed Finish, : 2nd And	Extent : Moderate, 3rd Floor	Area Aff	ected : 35%			
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$2,000	
Gypsum Board	35% 55%	4 :	¢0.700	LIFE	* *	5	\$4,300	
Masonry: Brick			\$8,700 : Moderate, Area or Men's Locker Ro	00				
			: Light, Area Affe					
		: Basemer		570				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13168

Architecture	Current Repair		Future Replacement		M		
System Component Type		il Date Estimated Cost Vears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2043	* *	5	\$1,500	
Exposed Struc: Steel	20%		LIFE	* *			
Gypsum Board	25%		LIFE	* *	5	\$4,600	
Plaster	45%		LIFE	* *	5	\$4,200	

Electrical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail I Total (Yea	Date Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2046	* *	5	\$100	
		on, Extent : Light, Area	Affected	! : 100%			
	Location: Base						
	Explanation : 4	100 Amperes					
Switchgear / Switchboard							
Fused Disc Sw	100%		2046	* *	5	\$100	
Raceway							
Conduit	100%		2046	* *	1		
Panelboards							
Fused Disc Sw	30%		2034	* *	5	\$100	
Molded Case Bkrs	70%		2042	* *	5	\$300	
Wiring							
Thermoplastic	100%		2046	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting							
Fluorescent	75%		2026	\$27,900	10	\$9,500	
	Compact Fluore	scent Light, Extent : Lig	ght, Area	Affected: 100%			
	Location: Thre	oughout The Building					
Fluorescent	25%		2031	* *	10	\$3,200	
	T-8 Lamps And I	Fixtures, Extent : Light,	Area Af	fected : 100%			
	Location : Base	ement And First Floor					
Egress Lighting							
Exit, LED	100%		2041	* *	1		
Exterior Lighting							
HID	100%		2031	* *	10		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13168

Mechanical		Current	Repair	Futur	Future Replacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Furnace	50%			2031	* *	1	\$3,400	
Hot Water Boiler	50%			2039	* *	1	\$3,400	
Distribution	500/			LIEE	* *	2.5	#2 000	
Ductwork/Diffusers	50%		M. J A	LIFE		2-5	\$3,800	
		aning, Exte Through:	ent : Moderate, Are	га Ајјесте	a: 100%			
11 . 111 . D /D				20.42	* *		#200	
Hot Wtr Piping/Pump		Now	\$500	2042		4	\$300	
			: Light, Area Affec	ted : 100	%			
	Location	: Radiato	r vaives					
Terminal Devices	1000/			2020	* *	1	0.4.400	
Convector/Radiator	100%			2039	* * *	1	\$4,400	
Air Conditioning								
Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment	10070			2042		1		
Ext Pkg Unit -	100%	Now	\$8,100	2031	* *	2	\$700	
Heating/Cooling	10070	NOW	\$6,100	2031		2	\$700	
ricating/Coomig	Other Obs	ervation. I	Extent : Severe, Are	a Affecte	d: 100%			
		: Through		33				
		_	oing Control Proble	ems				
Distribution								
Ductwork/Diffusers	75%	Now	\$12,900	LIFE	* *	2	\$13,400	
	Needs Cle	aning, Exte	ent : Moderate, Are	ea Affecte	d: 100%			
	Location	: Through	out					
Ductwork/Diffusers	25%			LIFE	* *	2	\$4,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,700	
Exhaust Fans								
Roof	40%			2026	\$8,500	2	\$200	
Roof	60%			2031	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired		Now	\$800	2024	\$7,800	2	\$200	
			nt : Light, Area Aff	tected : 1	00%			
			ing Pump Seized	1.00	1000/			
			Extent : Light, Area	Affected	: 100%			
		: Basemer						
G'4 B''	Explana	tion : 2 - 1	00 Gallon Units					
Sanitary Piping	1000/			LIDD	* *	1		
Cast Iron	100%			LIFE		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13168

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2031	* *	4	\$400	
	Other Observation, Extent: Light, Area	Affected	: 100%			
	Location: Basement					
	Explanation: Duplex Unit With Alarm	n				
Backflow Preventer						
Generic	100%	2031	* *	1	\$800	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 283

Address : 885 HOWARD AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.283 / 13169 Yr Built/Renovated : 1974 /

Area Sq Ft : 11,898 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3580 Lot : 20 BIN : 3081953

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$664,200	
Interior Architecture	\$40,900	\$48,600
Electrical		\$149,200
Total	\$705,100	\$197,700
Importance Code A	\$664,200	
Importance Code B	\$40,900	\$197,700
Total	\$705.100	\$197,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,800			\$1,800
Interior Architecture	\$35,900	\$1,800	\$700	
Electrical	\$10,300	\$2,600	\$1,500	\$1,100
Mechanical	\$7,900	\$5,800	\$2,200	\$10,200
Total	\$71,900	\$10,300	\$4,500	\$13,200
Importance Code A	\$18,400	\$600	\$600	\$2,600
Importance Code B	\$41,300	\$9,000	\$3,900	\$10,600
Importance Code C	\$12,200	\$700		
Total	\$71,900	\$10,300	\$4,500	\$13,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 283

Asset #: 13169

rchitecture	Current	Repair	Future Replacement		Maintenance			
vstem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior								
Exterior Walls								
Masonry: Brick	70% 0-2	\$104,700	LIFE	* *	5	\$17,400		
	Vegetation Growth,	Extent: Severe, Are	ea Affecte	ed : 50%				
	Location: South,	East And North Fac	ades.					
Metal/Glass Curt Wall	10% Now	\$393,300	LIFE	* *	5	\$4,700	1	
		ments, Extent : Seve	re, Area	Affected : 30%		, ,		
	Location : Kitcher			55				
	Deformed/Dented, I	Extent : Severe, Area	ı Affected	d : 40%				
	Location : Kitcher		33					
		icked, Extent : Sever	e. Area i	Affected: 30%				
	Location : Kitcher		-,	-5,5				
Wood Overhead Doors	20% Now	\$62,700	2040	* *	5	\$12,400		
wood Overhead Doors		·		0%	3	\$12,400		
	Split/Cracked, Extent : Severe, Area Affected : 20% Location : Entry Facade							
Windows	Location . Entry 1	ucuue						
Aluminum	100% Now	\$56,100	2052	* *	5	\$700		
7 Claimium		nts, Extent : Severe,		fected · 50%	3	Ψ700		
	Location: Throug		1110011199	2070				
	_	noui icked, Extent : Sever	o Area	Affected · 30%				
	Location: Throug		е, лгеи г	1)/естей . 30/0				
Daranats	Locuion . Infong	non						
Parapets Concrete Masonry Unit	70%		LIFE	* *	5	\$2,500		
Metal Panel	30%		2047	* *	5			
Metal Panel	3070		ZU4 /		J	\$3,700		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 283

Asset #: 13169

Architecture	Current Repair	Future Replace	Future Replacement Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated FY		vcle Estimated Cost (rs)	Priority
Exterior Roof					
Asphalt Shingle	5% Now \$3,500 Broken/Missing Elements, Extent: Se Location: Lower Roof - Rear Yard		* * 10%		1
Metal Panel	5% 0-2 \$3,400 Deteriorated Finish, Extent: Severe, Location: Side Yard Vegetation Growth, Extent: Severe, A	Area Affected : 90%	* *		
Single Ply Membrane	Location: Side Yard 80% Now \$10,900 Blisters, Extent: Moderate, Area Affel Location: Main And Lower Roofs Patching Evident, Extent: Moderate, Location: Throughout	ected : 30% Area Affected : 25%	* *		
	Ponding, Extent: Severe, Area Affect Location: Lower Roof Seams Open/Split, Extent: Moderate, Location: Various Locations, Uppe Water Penetration, Extent: Severe, A Location: Lower Roof @ Drains	Area Affected : 20% or/ Lower Roofs			
Sloped Glazing	10% Now \$47,500 Glazing Broken/Cracked, Extent: Mo Location: Throughout Glazing Clouded, Extent: Severe, Art Location: Throughout Water Penetration, Extent: Moderate Location: North Facade And Above	oderate, Area Affected ea Affected : 25% e, Area Affected : 15%	-	5 \$27,100	
nterior Floors					
Cast in Place Concrete	60% Paint Peeling, Extent: Moderate, Are Location: Throughout Worn/Eroded, Extent: Moderate, Are Location: Throughout		** 4	5 \$25,000	
Ceramic Tile	5%	2030	** 5	\$1,000	
Quarry Tile	5%	2040	** 5		
Vinyl Tile	30%	2027 \$4	8,600	3 \$2,100	
Interior Walls Cast in Place Concrete	10%	LIFE	* *		
Cast in Place Concrete Ceramic Tile	10% 5%	2040	** 5	\$1,300	
Concrete Masonry Unit			** 5		
Concrete Masoniy Offit	Vertical Cracks, Extent : Moderate, A Location : 2nd Floor Corridor		-	φ1,100	
Gypsum Board	8%	LIFE	** 5	5 \$1,300	
Plaster	10%	LIFE	** 4		
SGFT/Glazed Masonry	25%	LIFE	* *		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 283

Asset #: 13169

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	4+	\$3,000	2032	* *	5	\$1,200	
	Misaligne	d/Bulging, Exten	it : Moderate,	Area Afj	fected : 20%			
	Location	: 2nd Floor						
	Worn/Eroc	ded, Extent : Mo	derate, Area	Affected	: 25%			
	Location	: 2nd Floor						
AcousTileSusp.Lay-In	55%	Now	\$40,900	2040	* *	5	\$5,100	
1 3	Broken/Missing Elements, Extent: Severe, Area Affected: 25%							
	Location	: Throughout						
	Staining/Discoloring, Extent: Moderate, Area Affected: 20%							
		: Throughout			,,,			
Exposed Concrete	35%	Now	\$20,700	LIFE	* *	5	\$1,000	
Exposed Concrete		ing, Extent : Sev	+ -)		0%	3	\$1,000	
		: Apparatus Ro	. 55	eciea. O	070			
	Location	. Apparatus Ko	om At Doors					

Electrical	Curre	nt Repair	Repair Future Replac		lacement Maintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2027	\$4,800	5	\$300	
	Other Observation	n, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Elect	rical Room					
	Explanation : M	ain Service Disconnec	t Rated	@ 350 Amperes.			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2027	\$48,800	5	\$300	
Raceway							
Conduit	90%		2027	\$28,200	1		
Conduit	10%		2047	* *	1		
Panelboards							
Molded Case Bkrs	90%		2026	\$34,600	5	\$300	
Molded Case Bkrs	10%		2043	* *	5		
Wiring							
Thermoplastic	90%		2027	\$24,900	1		
Thermoplastic	10%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2025	\$14,400	5	\$100	
Ground							
Grounding Devices							
Generic	100% 2-4	\$9,500	LIFE	* *	5	\$200	
	Other Observation	n, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Baser	nent					
	Explanation : Co	orroded					
Stand-by Power							
Transfer Switches							
Automatic	100%		2025	\$4,800	1	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 283

Asset #: 13169

Electrical	Current Repair	Future Re	eplacement	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2023	\$65,700	1	\$4,600	
	Other Observation, Extent: Modera	ite, Area Affected	l : 100%			
	Location: Basement					
	Explanation : No Available Name	plate Rating Cape	acity			
Batteries						
Lead/Acid	100%	2020	\$1,500	5	\$400	
Fuel Storage						
Day Tank	50%	2026	\$400	5	\$1,100	
	Other Observation, Extent : Modera Location : Generator Room Explanation : 10 Gallons Rated Co		l : 100%			
Underground Storage	50%	LIFE	* *	5	\$400	
	Other Observation, Extent: Modera Location: Underground Explanation: No Available Name	. 55				
Lighting						
Interior Lighting						
LED	100%	2035	* *			
Egress Lighting Emergency, Service	100%	2035	* *	1		
Exterior Lighting						
HID	20%	2035	* *	10		
No Component	80%					

Mechanical	Current Repair	Future Re	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2047	* *	1		
Conversion Equipment Hot Water Boiler	100%	2044	* *	1	\$5,900	
Distribution						
Hot Wtr Piping/Pump	100%	2035	* *	4	\$900	
	Other Observation, Extent : Moderate,	Area Affectea	l : 100%			
	Location: 2nd Floor					
	Explanation: There Is Only 1 Therm	ostat In The B	uilding			
Terminal Devices						
Convector/Radiator	75%	2032	* *	1	\$2,900	
Unit Heater - Steam	25%	2027	\$9,900	4	\$400	
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 283

Asset #: 13169

Mechanical	Current Re	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Exterior Pkg Unit -	40% Now	\$1,800	2032	**	2	\$200	
Cooling	1070 11011	Ψ1,000	2032		_	Ψ200	
-	Not in Service, Extent:		fected : 1	0%			
	Location: 1 Unit, Ro	-					
	Other Observation, Ext	ent : Light, Area	Affected	: 40%			
	Location: Roof	D 470					
	Explanation: 3 Units	. R-410a					
Window/Wall Unit	20%		2020	\$4,600	1		
No Component	40%						
Ventilation							
Distribution 1/D:cc	1000/		LIEE	* *	2.5	06.600	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,600	
Exhaust Fans	000/		2027	¢14.000	2	£200	
Roof Wall Unit	80% 20%		2027 2027	\$14,800	2	\$300 \$100	
	20%		2027	\$800	2	\$100	
Plumbing H/C Water Pining							
H/C Water Piping Brass/Copper	100%		2037	* *	1		
Water Heater	10070		2037		1		
Gas Fired	100%		2022	\$6,800	2	\$200	
Gas i nea	Other Observation, Ext	ent : Light Area		· ·	2	Ψ200	
	Location : Basement	2.6, 11.00.	11,500000	. 100,0			
	Explanation: 2 - 75 (Gallon Units					
Sanitary Piping							
Cast Iron	100% Now	\$4,100	LIFE	* *	1		
	Blockage /Clogged, Ext		ea Affecte	ed : 10%			
	Location : Water Bac	kup In Basement					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	90%						
Generic	10%		2027	\$10,900	1-2	\$300	
Chemical System							
Generic	100%		2022	\$1,900	1-3	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 284/LADDER CO. 149

Address : 1157 79th STREET BTWN 11TH AVE - 12TH AVE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 10,350 Project Type : FIRE DEPARTMENT

Date of Survey : 21-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 6254 Lot : 53 BIN : 3161800

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$207,500	
Electrical		\$120,500
Mechanical		\$41,400
Site Enclosure	\$55,700	
Total	\$263,200	\$162,000
Importance Code A	\$207,500	
Importance Code B		\$162,000
Importance Code C	\$55,700	·
Total	\$263,200	\$162,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,200			
Interior Architecture	\$129,900		\$1,900	\$1,600
Electrical	\$19,600			\$100
Mechanical	\$24,900	\$1,400	\$1,800	\$1,400
Total	\$200,500	\$1,400	\$3,700	\$3,200
Importance Code A	\$27,200	\$1,000	\$1,000	\$1,000
Importance Code B	\$97,700	\$400	\$1,500	\$2,200
Importance Code C	\$75,600		\$1,200	
Total	\$200,500	\$1,400	\$3,700	\$3,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13170

Architecture	Current Repair		Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Masonry: Brick	80% Now	\$138,200	LIFE	* *	5	\$22,900	
	Cracking/Crumbling,		e, Area A <u>j</u>	fected : 10%			
	Location : Through	out					
Masonry: Granite	5%		LIFE	* *	5	\$2,200	
Masonry: Limestone	5%		LIFE	* *	5	\$2,200	
Wood Overhead Doors	10%		2033	* *	5	\$14,300	
Windows							
Aluminum	100% Now	\$14,500	2044	* *	5	\$1,700	
	Air Infiltration, Exter	ıt : Moderate, Ared	ı Affected	! : 15%			
	Location: Second 1	Floor					
	Caulking Deteriorate	ed, Extent : Modera	ite, Area	Affected : 25%			
	Location: Second 1	Floor					
Parapets							
Cast Stone/Terra Cotta	20% Now	\$8,500	LIFE	* *	5	\$5,200	
	Cracking/Crumbling,	Extent : Light, Are	ea Affecte	ed : 20%			
	Location: Through	out					
	Jnt Mortar Miss/Eroc	d, Extent : Light, A	rea Affec	ted : 10%			
	Location: Through	out					
	Water Penetration, E	Extent : Light, Area	Affected	: 10%			
	Location : Third Fl	oor					
Stucco Cement	80% Now	\$69,300	2048	* *	5	\$3,500	
	Cracking/Crumbling,	Extent : Severe, A	rea Affec	ted : 100%			
	Location : Through	out					
Roof							
Asphalt Shingle	10% Now	\$1,000	2031	* *			
	Punct/Tear/Impact D	amage, Extent : Li	ght, Area	Affected : 10%			
	Location: Through	out					
	Water Penetration, E	Extent : Light, Area	Affected	: 10%			
	Location: 3rd Floo	r					
Not Accessible	90%						
	Other Observation, E	Extent : Light, Area	Affected	: 0%			
	Location : Through	_	55				
	Explanation : High						
nterior	. 0						
Floors							
Cast in Place Concrete	50%		LIFE	* *	5	\$38,300	
Ceramic Tile	10%		2037	* *	5	\$1,800	
Quarry Tile	5%		2041	* *	5	\$1,300	
Vinyl Tile	35% Now	\$15,600	2038	* *	3	\$2,300	
ž	Recent Replace Evide			ected : 100%		+) -	
	Location : Through	_	. 33				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13170

Architecture	chitecture Current Repair		Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls	50 /	N.T.	Ф22.200	20.42	* *	-	Φ.(0.0	
Ceramic Tile		Now	\$33,200 ents, Extent : Seve	2043	• •	5	\$600	
		ssing Eiem : Kitchen	enis, Exieni : Seve	re, Area	Affectea : 100%			
Ceramic Tile	10%	. Kuchen		2031	* *	5	\$2.400	
Masonry: Brick	35%	0-2	\$32,800	LIFE	* *	3	\$2,400	
Masonry. Brick			Extent : Light, Are		ed · 10%			
	_	: Through	_	aryjeen	. 1070			
Plaster	50%	Now	\$9,600	LIFE	* *	5	\$3,600	
2			Extent : Light, Are		ed : 10%	-	42,000	
	Location	: First And	d Second Flooors					
Ceilings								
AcousTileSusp.Lay-In		Now	\$5,000	2041	* *	5	\$3,100	
		ssing Elem : 3rd Floo	ents, Extent : Seve r	re, Area	Affected : 50%			
Exposed Struc: Steel	30%			LIFE	* *	10	\$10,500	
Plaster		Now	\$4,000	LIFE	* *	5	\$3,800	
	_	Crumbling, : First Flo	Extent : Light, Are	ea Affecto	ed : 10%			
Site Enclosure								
Free Standing Walls	1000/			• • • •	* *			
Masonry: Brick		Now	\$55,700	2038				
			Extent: Moderate of Building	, Area Aj	пестеа : 20%			
Site Pavements	Locuiton	. 111 1 10111	oj Buitaing					
On-Site Walkways								
Cast in Place Concrete	100%			2033	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	: Both Sid	es Of Building					
	Explanat	ion : Two	Walkways					
Parking/Driveway	10007			2041	* *			
Cast in Place Concrete	100%			2041	**			

lectrical	Current Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2028	\$4,800	5	\$300	
	Other Observation, Extent : Moderate	te, Area Affec	ted : 100%			
	Location: Electrical Room Baseme	ent				
	Explanation: One 200 Amperes Ma	ain Disconne	ct Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2028	\$48,800	5	\$300	
Raceway						
Conduit	100%	2028	\$31,300	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13170

Electrical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2027	\$1,900	5		
Molded Case Bkrs	85%			2027	\$32,700	5	\$200	
Molded Case Bkrs	10%			2044	* *	5		
Wiring								
Braided Cloth	70%	Now	\$19,400	2053	* *	1		
	Insulation	Aged, Exte	nt : Severe, Area A	ffected :	100%			
	Location	: Through	out The Building					
Thermoplastic	20%			2028	\$5,500	1		
Thermoplastic	10%			2048	* *	1		
Motor Controllers								
Locally Mounted	100%			2026	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	30%			2036	* *	10	\$2,800	
LED	70%			2036	* *			
Exterior Lighting								
HID	100%			2023	\$39,000	10		

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2054	* *	1		
Conversion Equipment						
Furnace	5%	2028	\$1,100	1	\$300	
	Other Observation, Extent : Light,	Area Affected : 5	5%			
	Location: Gymnasium					
	Explanation: 1 Modine Gas Fire	Unit				
Steam Boiler	95%	2041	* *	1	\$9,700	
	Other Observation, Extent : Light,	Area Affected : 1	100%			
	Location: Basement					
	Explanation: One Unit					
Distribution						
Steam Piping/Pump	95%	2038	* *			
No Component	5%					
Terminal Devices						
Convector/Radiator	80%	2026	\$41,400	1	\$2,700	
Fan Coil Unit/Heat	15%	2028	\$21,700	1	\$500	
No Component	5%		-			

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13170

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Split Unit	10%			2023	\$20,700			
-	R-22 Refrig	gerant, Ext	ent : Light, Area A	ffected :	10%			
	Location	: 2 Units, 1	Roof					
Window/Wall Unit	50%			2023	\$10,100	1		
No Component	40%				. ,			
Terminal Devices								
Fan Coil - 2 Pipe	10%	Now	\$11,000	2038	* *	1	\$300	
•	Broken, Ex	tent : Seve	re, Area Affected :	10%				
	Location	: 3rd Floo	r Ceiling					
No Component	90%							
Heat Rejection								
Evaporative Condenser	10%			2023	\$1,800	2	\$700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$3,700	
No Component	60%							
Exhaust Fans								
Interior	20%			2023	\$6,900	2	\$100	
Roof	20%			2028	\$3,200	2	\$100	
Wall Unit	10%			2028	\$300	2		
No Component	50%							
Plumbing								
H/C Water Piping	000/			2020	ماد ماد			
Brass/Copper	80%	3.7	# 400	2038	**	1		
Galvanized Steel		Now	\$400	2026	\$8,500	1		
			vere, Area Affecte		D			
***	Location	: water M	ain And Connectin	g Piping	, ваѕетепт			
Water Heater	1000/			2026	# 5 000	2	#200	
Gas Fired	100%			2026	\$5,900	2	\$200	
Sanitary Piping	1000/	0.2	Ф 7 100	LIEE	* *	1		
Cast Iron	100%	0-2 Extent : M	\$7,100 oderate, Area Affe	LIFE		1		
		Exieni . м : Basemen		ciea . 20	1/0			
Stama Drain Dining	Locuion	. Dasemen						
Storm Drain Piping Cast Iron	100%	Now	\$2,000	LIFE	* *	1		
Cast Holl			\$2,000 Extent : Moderate, 1			1		
	_		ıs Floor, Floor Dr		. 10/0			
			vere, Area Affecte					
		Extent . se : Basemen		u. 20/0				
	Locuiton	. Dasemen	t					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 284/LADDER CO. 149

Asset #: 13170

Mechanical		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	\$1,500	2038	* *	4	\$200	
	Not in Ser	vice, Extent :	Severe, Area Afj	ected : 1	00%			
	Location	: Basement						
Fixtures								
Generic	100%							
	Obsolete I	ixtures, Exte	nt : Severe, Area	Affected	d : 20%			
	Location	: Kitchen						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 285/LADDER CO. 142

Address : 103-17 98th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.285 / 13171 Yr Built/Renovated : 1913 /

Area Sq Ft : 10,112 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 9121 Lot : 11 BIN : 4438526

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$58,600
Interior Architecture	\$214,600	
Electrical		\$38,500
Mechanical		\$35,200
Total	\$214,600	\$132,300
Importance Code A		\$58,600
Importance Code B	\$155,500	\$73,700
Importance Code C	\$59,100	
Total	\$214,600	\$132,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,200			
Interior Architecture	\$86,000		\$1,300	\$900
Electrical	\$10,800	\$500	\$9,500	\$400
Mechanical	\$45,300	\$1,600	\$9,900	\$1,400
Total	\$176,300	\$2,100	\$20,700	\$2,700
Importance Code A	\$35,200	\$1,000	\$1,000	\$1,000
Importance Code B	\$108,000	\$1,100	\$19,700	\$1,700
Importance Code C	\$33,000	•	·	•
Total	\$176,300	\$2,100	\$20,700	\$2,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13171

rchitecture	Current Repair		Future Replacement		Maintenance				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Exterior Walls									
Cast Stone/Terra Cotta		Now	\$8,900	LIFE	* *	5	\$21,400		
		Cracking/Crumbling, Extent: Moderate, Area Affected: 20%							
	Location	: Window	Sills On Various F	loors					
Masonry: Brick	70%			LIFE	* *	5	\$19,200		
Masonry: Limestone	5%			LIFE	* *	5	\$1,000		
Metal Sect. OHD	15%			2039	* *	5	\$12,900		
Windows									
Aluminum	100%	Now	\$11,500	2034	* *	5	\$300		
	Location Glazing B	: Through roken/Crac	ents, Extent : Mod out eked, Extent : Light, or, Rear Wall.						
Parapets									
Masonry: Brick	90%			LIFE	* *	5	\$900		
Metal Panel	10%		\$1,500	2046	* *	5	\$200		
	_		ed, Extent : Modera Locations Around I		Affected : 65%				
Roof									
Metal, Corrugated	5%			2031	* *	1			
Modified Bitumen	95%	Now	\$5,900	2026	\$58,600				
	Recent Replace Evident, Extent : Moderate, Area Affected : 100% Location : Throughout								
			xtent : Moderate, F l Floor Gymnasium	00	cted : 5%				

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13171

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors	200/ 37	#22 (00		ala ala	_	# 0.000	
Cast in Place Concrete	30% Now	\$23,600	LIFE	* *	5	\$9,900	
	Drains Clogged, Extent : Location : Apparatus F		fectea : 2%				
	Horizontal Cracks, Exter		Area Affected : 2	0%			
	Location : Apparatus F		пен пусстен. 2	070			
	Water Penetration, Exter		Affected: 10%				
	Location : Basement		5,5				
	Other Observation, Exter	nt : Severe, Are	a Affected : 50%	ó			
	Location : Apparatus R	Room Floor					
	Explanation : Depressi	ons. Temporary	Support In Pla	ce.			
Ceramic Tile	6% Now	\$10,500	2041	* *	5	\$500	
	Broken/Missing Element	s, Extent : Mod	erate, Area Affe	cted : 50%			
	Location : All Bathroom	m Floors					
	Other Observation, Exten		Area Affected : 1	00%			
	Location : All Bathroom						
	Explanation : Need Rep	•					
Quarry Tile	5% Now	\$10,900	2039	* *	5	\$600	
	Worn/Eroded, Extent: M	Ioderate, Area	Affected: 50%				
	Location: Kitchen						
Vinyl Tile	50% Now	\$64,200	2036	**	3	\$2,800	
	Broken/Missing Element		t, Area Affected	: 15%			
	Location : Various Locations Uneven Substrate, Extent : Severe, Area Affected : 2%						
			Ajjeciea . 276				
	Location : 3rd Floor Gymnasium Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: 2nd And 3rd		nearyjeciea. 1	00/0			
	Explanation : Tiles Are						
Wood	9%		2061	* *	5	\$2,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13171

Architecture	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Interior Walls							
Ceramic Tile	5% Now Broken/Missing Elem Location : All Bathr Cracking/Crumbling,	oom Floors Extent : Light, Are			5	\$400	
Masonry: Brick	Location : All Bathr 10% 0-2 Broken/Missing Elem Location : Apparatu	\$3,000 ents, Extent : Ligh	LIFE t, Area A	* * ffected : 5%			
Masonry: Brick	10% Now Broken/Missing Elem Location: Basemen Water Penetration, E. Location: Basemen	t xtent : Moderate, A					
Plaster	50% 0-2 Cracking/Crumbling, Location: Various I Vertical Cracks, Exte Location: Various I	Locations nt : Light, Area Afj			5	\$2,300	
SGFT/Glazed Masonry	25% Now Cracking/Crumbling, Location : Apparatu Int Mortar Miss/Eroa Location : Apparatu Loose Units, Extent : Location : Apparatu	is Floor l, Extent : Moderai is Floor Moderate, Area Aj	te, Area A	Affected : 20%			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 285/LADDER CO. 142

Asset #: 13171

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	_	Now	\$1,300	2046	* *	5	\$400	
		ssing Element : Various Loc		lerate, Ar	ea Affected : 25%			
Exposed Concrete	30%	Now	\$91,300	LIFE	* *	5	\$700	
	Cracking/C	Crumbling, Ex	tent : Moderate	e, Area Aj	fected : 20%			
	Location	Location: Basement.						
	•	Exposed Reinforcement, Extent: Moderate, Area Affected: 15% Location: Basement						
	Paint Peeling, Extent : Light, Area Affected : 5%							
		: Basement.						
	Spalling, Extent : Severe, Area Affected : 20%							
	Location: Basement							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location	: Basement						
	Other Observation, Extent: Moderate, Area Affected: 10%							
	Location	: Basement						
	-	ion : Corrodeo paratus Floor		re; Shorin	g Members Help S	Support S	Steel Structure	
Plaster	65%	Now	\$6,700	LIFE	* *	5	\$6,400	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
	Location	: First And Th	nird Floors					
	Water Pene	etration, Exter	nt : Light, Area	Affected	: 5%			
	Location	: Third Floor						

ectrical	Current F	Repair Fu	Future Replacement		Maintenance		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost Yes		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts							
Service Equipment							
Fused Disc Sw	100%	204	16	* *	5		
	Other Observation, E.	xtent : Light, Area Affec	ted	: 100%			
	Location : Basemen	t					
	Explanation: 400 A	mperes Service					
Switchgear / Switchboard							
Molded Case Bkrs	100%	204	16	* *	5	\$300	
Raceway							
Conduit	15%	204	16	* *	1		
Conduit	85%	202	26	\$26,600	1		
Panelboards							
Molded Case Bkrs	100%	202	25	\$38,500	5	\$300	
Wiring							
Thermoplastic	100%	203	36	* *	1		
Motor Controllers							
Locally Mounted	20%	203	31	* *	5		
No Component	80%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13171

Electrical	Current Repa	air Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power Transfer Switches						
Automatic	100%	2039	* *	1	\$3,100	
	Other Observation, Exter	ıt : Light, Area Affected	l : 100%			
	Location: Basement					
	Explanation: For Porte	able Generator.				
Lighting						
Interior Lighting			de de			
Fluorescent	90%	2031	**	10	\$8,300	
	T-8 Lamps And Fixtures, Location : Throughout	Extent : Light, Area Af	fected : 100%			
Fluorescent	9%	2026	\$2,500	10	\$800	
	T-12 Lamps And Fixtures Location: Throughout	s, Extent : Light, Area A	Affected : 100%			
Incandescent	1%	2021	\$600	2		
	Obsolete Fixtures, Extent					
	Location: Tv Room	-				
Exterior Lighting						
HID	50%	2026	\$19,100	10		
No Component	50%					
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic, Analog	10% 4+	\$10,500 2036	* *	1-3	\$600	
	Local/Battery Operated I Location : Throughout	Detect, Extent : Light, A	Area Affected : 1009	%		

echanical	Current Repair	Future	Future Replacement		aintenance		
stem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ating							
Energy Source							
Natural Gas	100%	2052	* *	1			
Conversion Equipment							
Steam Boiler	100%	2043	* *	1	\$10,000		
Distribution							
Central Plant Steam	100%	2036	* *	4	\$700		
Piping/Pmp							
	Insul. Deteriorating, Extent:	Light, Area Affected	d: 50%				
	Location: Basement						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13171

Mechanical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices Convector/Radiator	80% 4+ \$10 Corroded, Extent : Light, Area A Location : 2nd And 3rd Floors		* *	1	\$2,300	
Unit Heater - Steam	20% Abandoned in Place, Extent: Li, Location: 1st Floor And 3rd F	5	\$6,800	4	\$200	
Air Conditioning						
Energy Source Electricity	100%	2042	* *	1		
Conversion Equipment Window/Wall Unit No Component	75% 25%	2024	\$14,800	1		
Ventilation	•					
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,600	
Exhaust Fans						
Interior	Abandoned in Place, Extent: M		* * d : 20%	2		
	Location : 1st Floor General E					
Interior	40% Other Observation, Extent: Ligi Location: Kitchen Hood Explanation: No System	2026 ht, Area Affected : 5%	\$13,500	2	\$100	
Roof	50%	2021	\$7,800	2	\$200	
Plumbing	• • • • • • • • • • • • • • • • • • • •		41,000		4-11	
H/C Water Piping						
Brass/Copper Galvanized Steel	50% Now \$12 Leak Evident, Extent: Severe, A Location: 2nd And 3rd Floor.	55	\$35,200 * *	1 1		
Water Heater						
Gas Fired	100% Other Observation, Extent: Ligit Location: Basement Explanation: 2 - 75 Gallon Un		\$5,800	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100% Now \$1: Blockage /Clogged, Extent : Sev Location : Roof Drain, 1st Flo Corroded, Extent : Moderate, A	or Drain	* *	1		
	Location: Basement					
Sump Pump(s) Submersible	100%	2019	\$300	4	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 285/LADDER CO. 142

Asset #: 13171

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				

Fixtures

Generic 100%

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 286/LADDER CO. 135

Address : 66-44 MYRTLE AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.286 / 13172 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,772 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3700 Lot : 21 BIN : 4090228

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$42,800
Interior Architecture	\$136,900	\$72,400
Total	\$136,900	\$115,300
Importance Code A		\$42,800
Importance Code B	\$136,900	\$72,400
Total	\$136,900	\$115,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$40,900			\$10,500
Interior Architecture	\$62,800	\$600	\$1,600	\$1,100
Electrical	\$16,400	\$100		\$34,300
Mechanical	\$43,500	\$8,000	\$2,000	\$21,200
Total	\$163,500	\$8,700	\$3,600	\$67,000
Importance Code A	\$47,900	\$900	\$900	\$11,300
Importance Code B	\$92,500	\$7,900	\$1,100	\$55,700
Importance Code C	\$23,200		\$1,600	
Total	\$163,500	\$8,700	\$3,600	\$67,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13172

		Current I	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	73%			LIFE	* *	5	\$20,400	
Masonry: Granite	2%	4+	\$1,300	LIFE	**	5	\$400	
		_	nents, Extent : Ligh nead Door Entranc		ffected : 2%			
Masonry: Limestone	10%	4+	\$6,100	LIFE	* *	5	\$2,100	
·			Extent : Light, Ard t Overhead Doors	ea Affecto	ed : 5%			
Wood Overhead Doors	15%			2032	* *	5	\$20,900	
Windows							·	
Aluminum	100%	Now	\$29,200	2052	* *	5	\$300	
	Water Pen	etration, E	Kitchen Window Extent : Moderate, A			s Eloon I	Dear Elevation At	
	Water Pen Location 2nd And Other Obs Location	etration, E : Myrtle A 3rd Floor ervation, E : Through	Extent : Moderate, A venue Windows, W Extent : Severe, Are	omen Re	estroom, Apparatus	s Floor, I	Rear Elevation At	
Parapets	Water Pen Location 2nd And Other Obs Location Explanat	etration, E : Myrtle A 3rd Floor ervation, E : Through	xtent : Moderate, 1 venue Windows, W Extent : Severe, Are out	Vomen Re	estroom, Apparatus	s Floor, I		
Masonry: Brick	Water Pen Location 2nd And Other Obs Location Explanat	etration, E : Myrtle A 3rd Floor ervation, E : Through	xtent : Moderate, 1 venue Windows, W Extent : Severe, Are out	Vomen Re	estroom, Apparatus d : 75% **	s Floor, I	\$900	
Masonry: Brick Masonry: Limestone	Water Pen Location 2nd And Other Obs Location Explanat	etration, E : Myrtle A 3rd Floor ervation, E : Through	xtent : Moderate, 1 venue Windows, W Extent : Severe, Are out	Vomen Re	estroom, Apparatus			
Masonry: Brick	Water Pen Location 2nd And Other Obs Location Explanat 90% 10% 95% Blisters, E Location Split/Crace Location Water Pen	etration, E : Myrtle A 3rd Floor ervation, E : Through tion : Thern 4+ xtent : Ligh : Main Ro ked, Extent	Sxtent: Moderate, Avenue Windows, W Extent: Severe, Are out mally Inefficient \$4,300 ht, Area Affected: tof t: Severe, Area Aff Joints Are Failing Extent: Light, Area	LIFE LIFE 2027 15% Sected: 3.	** ** \$42,800	5	\$900	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13172

Architecture	(urrent Re	pair	Futur	e Replacement	Maintenance			
System Component Type		ail Date I Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Floors	250/	NT	¢24 100	LIEE	* *	-	¢7.200		
Cast in Place Concrete	25%		\$34,100 ent : Moderate, A	LIFE	, ,	5	\$7,200		
			ent . Moderale, A ocations In The C		ciea . 1070				
			ent : Moderate, A		cted : 100%				
	Location :			33					
	Explanation	n : Slab Is		l With Te	emporary Columns	To Carr	y Truck Load,		
Ceramic Tile	5%	2-4	\$300	2030	* *	5	\$300		
	Cracking/Cr	umbling, E	xtent : Light, Are	a Affecte	ed : 1%				
	Location:	Kitchen							
Quarry Tile	5%	4+	\$400	2032	* *	5	\$500		
		_	xtent : Moderate	, Area A <u>f</u>	fected : 4%				
			Toilet, Kitchen						
Vinyl Tile	65%	2-4	\$36,200	2027	\$72,400	3	\$3,200		
			Extent : Moderate st	, Area A <u>f</u>	fected : 5%				
	Location : Throughout Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location:			55					
Interior Walls									
Ceramic Tile	25%			2036	* *	5	\$3,300		
Masonry: Brick	25%	4+	\$12,700	LIFE	* *				
			erate, Area Affect						
			le Avenue Elevati						
			ent : Light, Area						
			On Myrtle Avenue						
Plaster	50%		\$10,500	LIFE	* *	5	\$2,000		
			ıt : Moderate, Ar						
	Location: Cellar Stairs, 2nd Floor And 3rd Floor								
	Paint Peeling, Extent : Moderate, Area Affected : 20% Location : Third Floor, Cellar Stairs								
	Water Penetration, Extent: Severe, Area Affected: 5%								
					a : 5% ellar Hatch, East A	nd West	Walls		
	Locuiton	sta Fioor I	rucing myrite At	enue, Ce	nai Haich, East A	mu west	vv ans		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13172

Architecture		Current Repair		Futui	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2040	* *	5	\$1,300	
Exposed Concrete	25%	Now	\$100,600	LIFE	* *	5	\$500	
-	Water Pen	etration, Exte	ent : Moderate, A	Area Affe	ected : 33%			
	Location	: Cellar Vau	lts At Myrtle Ave	enue Fac	ade			
	Other Obs	ervation, Ext	ent : Moderate, 1	Area Affe	ected : 33%			
	Location	: Basement						
			te Ceiling Is Ten ment/ Repair Is .		Shored With Steel !.	Column	s To Carry Truck	
Gypsum Board	5%			LIFE	* *	5	\$800	
Plaster	60%	4+	\$4,900	LIFE	* *	5	\$4,700	
	Paint Peels	ing, Extent :	Light, Area Affe	cted : 10	%		. ,	
		: Throughou	0					
			nage, Extent : Li	ght. Area	a Affected : 1%			
		: Cellar Stai		g,				
			, Extent : Moderate	o Area A	ffected : 35%			
	O	0.	xieni . Moderaie And 2nd Floor	, лиси д	_{Дестей} . 33/0			
	Locuiton	. 131 1 1001 A	ma 2ma 1 1001					

Electrical	Current Ro	Futur	e Replacement	М			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Molded Case Bkrs	100% 0-2	\$4,800	2057	* *	5	\$100	
	Enclosure Corroded, E	Extent : Severe, A	rea Affec	ted : 50%			
	Location: Basement						
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: Rating	Not Visible					
Raceway							
Conduit	100%		2037	* *	1		
Panelboards							
Molded Case Bkrs	50%		2035	* *	5	\$100	
Molded Case Bkrs	50% 0-2	\$11,500	2052	* *	5	\$100	
	Enclosure Corroded, E	Extent : Moderate	, Area Af	fected : 100%			
	Location: Basement						
Wiring							
Thermoplastic	100%		2037	* *	1		
Motor Controllers							
Locally Mounted	50%		2032	* *	5		
Locally Mounted	50%		2044	* *	5		
-	Recent Replace Eviden	t, Extent : Light,	Area Affe	ected : 100%			
	Location : At Overhe	ad Garage Doors	;				
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13172

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	90%	2022	\$21,400	10	\$7,200	
	T-8 Lamps And Fixtures, E. Location : Throughout	xtent : Light, Area Aff	fected : 100%			
Incandescent	10%	2022	\$5,600	2		
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: 2nd And 3rd F	loors				
	Explanation: Incandesce	nt Lamps Observed				
Egress Lighting						
Exit, Battery	25%	2027	\$800	10	\$100	
No Component	75%					
Exterior Lighting						
HID	100%	2032	* *	10		

Mechanical		Current Rep	air	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Steam Boiler	5%	4+	\$1,300	2032	* *	1	\$400	
	Other Obs	ervation, Exte	nt : Moderate, 1	Area Affe	cted : 10%			
	Location	: Cellar Mech	anical Room					
	Explanat	ion : Chimney	Clean Out Do	or Rustea	l At Hinges.			
Steam Boiler	95%			2032	* *	1	\$8,300	
Distribution								
Central Plant Steam	20%			2047	* *	4	\$100	
Piping/Pmp								
Central Plant Steam	80%			2037	* *	4	\$300	
Piping/Pmp								
Terminal Devices								
Convector/Radiator	80%			2040	* *	1	\$2,300	
Convector/Radiator	10%	Now	\$1,300	2040	* *	1	\$300	
	Other Obs	ervation, Exte	nt : Moderate, A	Area Affe	cted : 50%			
	Location	: 1st And 2nd	Floors					
	Explanat	ion : Broken F	Radiator Covers	s And Mis	ssing Valves			
Unit Heater - Steam	10%			2032	* *	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2022	\$17,500			
Window/Wall Unit	40%			2020	\$6,800	1		
No Component	50%				•			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13172

Mechanical		Current Repair			e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning									
Distribution 1/B:cc	100/			LIEE	* *	2	Ф1 100		
Ductwork/Diffusers	10%	F		LIFE		2	\$1,100		
		ervation, Ex : Kitchen	tent : Light, Area	Affectea	: 10%				
			onk Fooding Vital	hon Enoug	Culit IInit				
N. C.		ion : Duciw	ork Feeding Kitch	ien r rom	зрии Опи				
No Component	90%								
Ventilation									
Distribution	400/			LIEE	* *	2.5	¢2.000		
Ductwork/Diffusers	40%	0.2	¢4.500	LIFE	* *	2-5	\$2,000		
Ductwork/Diffusers	10%	0-2	\$4,500	LIFE		2-5	\$500		
			rate, Area Affecte k In Backyard	a . 30%					
N. G	-	. Goosenet	к Iн Васкуата						
No Component	50%								
Exhaust Fans	1000/	0.2	Ф 2 0.200	2027	* *	2	Φ200		
Interior	100%	0-2	\$29,200	2037		2	\$200		
			Extent : Moderate	, Area Af	tected: 100%				
1 1.	Location	: Bathroom	S						
lumbing									
H/C Water Piping Galvanized Steel	100%			2032	* *	1			
Water Heater	10070			2032		1			
Gas Fired	50%			2022	\$2,500	2	\$100		
Gas Filed		arvation E	tent : Light, Area			2	\$100		
	Location		ieni . Ligni, Area	Ајјестеи	. 100/0				
		ion : 75 Ga	llon Heater						
Gas Fired				2027	\$2.500	2	\$100		
Gas Fired		Now	\$2,500 Entant - Madanata		\$2,500	2	\$100		
		a in Piace, 1 : Basement	Extent : Moderate	Area Aj	eciea : 100%				
C ', D' '	Location	. basemeni							
Sanitary Piping	100%			LIFE	* *	1			
Cast Iron	100%			LIFE		1			
Storm Drain Piping	200/			LIEE	* *	1			
Cast Iron	80%	0.2	¢2 400	LIFE	* *	1			
Cast Iron	20%	0-2	\$3,400 oderate, Area Affe	LIFE		1			
		: Basement		ciea : 80	70				
C	Locaiion	. basement							
Sump Pump(s)	1000/								
Not Accessible	100%								
Fixtures	1000/								
Generic	100%								
ire Suppression									
Chemical System	100/			2025	\$200	1.2	¢500		
Wet No Commonant	10%			2025	\$200	1-3	\$500		
No Component	90%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 287/LADDER CO. 136

Address : 86-53 GRAND AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.287 / 13173 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,800 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2477 Lot : 26 BIN : 4057367

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$226,700	
Total	\$226,700	
Importance Code A	\$226,700	
Total	\$226,700	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$125,200			\$6,600
Interior Architecture	\$71,300	\$1,800	\$500	\$500
Electrical	\$600	\$1,500	\$2,300	\$5,100
Mechanical	\$1,900	\$1,800	\$5,700	\$1,600
Total	\$199,000	\$5,100	\$8,500	\$13,800
Importance Code A	\$125,700	\$400	\$400	\$7,200
Importance Code B	\$17,700	\$3,500	\$8,000	\$6,600
Importance Code C	\$55,600	\$1,200		
Total	\$199,000	\$5,100	\$8,500	\$13,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13173

Architecture	Current Repair			Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Copper/Terne	3%	4+	\$22,600	2062	* *				
	_		Extent : Moderate, At Front Of Buildi		fected : 25%				
Masonry: Brick		Now	\$167,200	LIFE	* *	5	\$18,500	1	
			nt : Severe, Area A						
	Location	: Exterior	Wall Of Kitchen A	nd Side	Yard Due To Adjac	ent Cons	truction		
Masonry: Granite	2%			LIFE	* *	5	\$400		
Masonry: Limestone	10%			LIFE	* *	5	\$2,000		
Stucco Cement	10%			2032	* *	5	\$6,600		
Wood Overhead Doors	5%			2032	* *	5	\$6,600		
Windows									
Aluminum	100%	0-2	\$34,600	2043	**	5	\$1,400		
	_		t : Severe, Area Aj						
-	Location	: Side Yar	d Windows Are Ou	t Of Plui	nb In Masonry Ope	ening			
Parapets	1.50/	3.7	#24		at. at.	_	#2.5 00		
Cast Stone/Terra Cotta		Now	\$34,600	LIFE	**	5	\$3,500	1	
	_	_	Extent : Severe, A		ctea : 50%				
			ne Copings At Par		4. 4.		00.00		
Masonry: Brick		Now	\$59,500	LIFE	**	5	\$2,600	1	
			l, Extent : Severe,	Area Affe	ected : 80%				
		_	out Parapets	A CC .	1 000/				
			xtent : Severe, Are		d: 90%				
	Location	: Rear Pei	imeter Of Building	3					
Roof	070/	NT	¢22.400	2022	* *				
Modified Bitumen		Now	\$33,400 Extent : Moderate, A	2032					
			xieni . Moderdie, i out Main Roof	чтей Аује	eciea . 100%				
		_		rted Pre	viously Results Fro	om Onan	And Missina		
			ck Parapets	nieu i re	viousty Results 170	т Орен	Ana missing		
Skylight, Metal/Glass	3%			2037	* *	10	\$1,200		
nterior	570			2057		10	Ψ1,200		
Floors									
Carpet	10%			2026	\$16,200	3	\$1,900		
Cast in Place Concrete	45%			LIFE	* *	5	\$12,500		
Ceramic Tile	10%	2-4	\$4,900	2030	* *	5	\$600		
	Loose Uni	ts, Extent:	Moderate, Area A	ffected :	30%				
	Location	: Tile Gro	ut Joints Failing						
Quarry Tile	5%			2032	* *	5	\$1,000		
Vinyl Tile	30%			2027	\$32,400	3	\$1,400		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13173

Architecture		Current F	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%			2030	* *	5	\$2,400	
Ceramic Tile		Now	\$27,400	2036	* *	5	\$2,000	
		_	ents, Extent : Mod Locations In Appai					
Gypsum Board	30%	Now	\$400	LIFE	* *	5	\$2,900	
31			xtent : Severe, Ared Floor Office At Win	55	d : 80%			
Masonry: Brick	15%	Now	\$27,800	LIFE	* *			
ž	Vertical C	racks, Exte	nt : Moderate, Are	a Affecte	ed : 50%			
	Location	: Basemen	t					
	Water Pen	etration, E.	xtent : Moderate, A	Area Affe	cted : 50%			
	Location	: Basemen	t					
Plaster	15%			LIFE	* *	5	\$700	
Ceilings								
AcousTileSusp.Lay-In	35%	Now	\$10,800	2040	* *	5	\$2,200	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 30%			
	Location	: Kitchen A	And Second Floor	Perimete	r			
	Staining/D	iscoloring,	Extent: Severe, A	rea Affec	cted : 30%			
	Location	: Kitchen	And Second Floor	Perimete	r			
	Water Pen	etration, E	xtent : Severe, Ared	a Affecte	d : 30%			
	Location	: Kitchen	And Second Floor	Perimete	r			
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	35%			LIFE	* *	5	\$2,800	
Site Pavements							+-,000	
Parking/Driveway								
Cast in Place Concrete	100%			2032	* *			

lectrical	Current Repair	Future Repl	acement	M		
estem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2037	* *	5	\$200	
	Other Observation, Extent : Ligh	t, Area Affected : 100%	6			
	Location : Basement					
	Explanation: 600 Amperes					
Switchgear / Switchboard						
Fused Disc Sw	100%	2037	* *	5		
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring						
Thermoplastic	100%	2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13173

Electrical	Current Repair	Future F	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2032	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2040	* *	1	\$2,700	
Generators						
Diesel	100%	2036	* *	1	\$3,400	
	Other Observation, Extent : Light,	Area Affected : .	100%			
	Location: Outside					
	Explanation: 64 Kw					
Batteries						
Lead/Acid	100%	2021	\$1,500	5	\$300	
Fuel Storage						
Day Tank	100%	2035	* *	5	\$1,600	
	Other Observation, Extent: Light, Location: Outside Explanation: 60 Gallons	Area Affected : .	100%			
Lighting						
Interior Lighting						
Fluorescent	100%	2027	\$23,800	10	\$8,100	
	T-8 Lamps And Fixtures, Extent : L Location : Throughout	ight, Area Affec	ted : 100%			
Egress Lighting						
Emergency, Service	100%	2022	\$4,300	1		
Exterior Lighting						
HID	50%	2027	\$16,600	10		
No Component	50%					

Mechanical	Current Repair	Future Re	placement	M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2047	* *	1			
Conversion Equipment							
Furnace	50%	2032	* *	1	\$2,200		
	Recent Replace Evident, Extent : Light, Area Affected : 100%						
	Location: Rooftop						
Hot Water Boiler	50%	2032	* *	1	\$2,200		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Basement						
	Explanation: 5 Boilers Piped Together						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 287/LADDER CO. 136

Asset #: 13173

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution 1/D:cc	500 /		LIDE	* *	2.5	#2.5 00	
Ductwork/Diffusers	50%	alasa Evidant Entant Light	LIFE		2-5	\$2,500	
	Location	olace Evident, Extent : Light, . : 2nd Floor					
Hot Wtr Piping/Pump	50%		2043	* *	4	\$300	
Terminal Devices						44	
Air Handler	50%		2032	* *	1	\$2,700	
Convector/Radiator	40%		2040	* *	1	\$1,100	
Unit Heater - Steam	10%		2032	* * *	4	\$100	
Air Conditioning							
Energy Source	100%		2042	* *	1		
Electricity	100%		2043		1		
Conversion Equipment Ext Pkg Unit -	90%		2035	* *	2	\$500	
Heating/Cooling	90%		2033		2	\$300	
Treating/Cooming	-	place Evident, Extent : Light, . : Rooftop	Area Aff	ected : 100%			
Window/Wall Unit	10%		2025	\$1,700	1		
Distribution	1070			\$1,700			
Ductwork/Diffusers	90%		LIFE	* *	2	\$10,300	
No Component	10%					. ,	
Terminal Devices							
Air Handler/Cool/Ht	100%		2032	* *	1	\$5,400	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,900	
Exhaust Fans							
Interior	50%		2032	* *	2	\$100	
Roof	50%		2032	* *	2	\$100	
Plumbing							
H/C Water Piping	1000/		2047	* *	1		
Brass/Copper	100%		2047		1		
Water Heater Electric	100%		2025	\$7,200	4	\$100	
Elecuic		ervation, Extent : Light, Area		·	4	\$100	
		: Basement	. 1/1/00/00	. 100/0			
		tion: 2 - 120 Gallon Units					
Sanitary Piping	2pianui	2 120 Ganon Onnis					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070						
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2021	\$300	4	\$200	
Sewage Ejector(s)							
Electric	100%		2032	* *	4	\$500	
Fixtures							
Generic	100%						
		errent dollars and are not escalat	ed for not	ential future inflation	n		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 287/LADDER CO. 136

Asset #: 13173

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Sprinkler							
No Component	25%						
Generic	75%		2047	* *	1-2	\$1,800	
Chemical System							
Wet	5%		2025	\$100	1-3	\$200	
No Component	95%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 289/LADDER CO. 138

Address : 97-28 43rd AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 7,990 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1628 Lot : 18 BIN : 4040712

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$178,500	
Electrical		\$8,400
Total	\$178,500	\$8,400
Importance Code A	\$178,500	
Importance Code B		\$8,400
Total	\$178,500	\$8,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,500	\$2,800	\$100	\$10,900
Interior Architecture	\$65,900		\$1,100	\$1,100
Electrical	\$1,200	\$100	\$100	\$9,900
Mechanical	\$1,100	\$1,400	\$1,400	\$9,500
Site Pavements	\$9,300			
Total	\$111,900	\$4,400	\$2,700	\$31,400
Importance Code A	\$35,200	\$3,600	\$900	\$11,700
Importance Code B	\$48,000	\$800	\$1,400	\$19,700
Importance Code C	\$28,700		\$400	
Total	\$111,900	\$4,400	\$2,700	\$31,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13175

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls			0.1 - 0. - 0.0			_	010.100	
Masonry: Brick			\$178,500 nt : Moderate, Are vation - Alley Side,			5	\$18,100	
Masonry: Granite	3%			LIFE	* *	5	\$600	
Masonry: Limestone		2-4 r Miss/Erod : Front Eld	\$30,800 d, Extent : Light, A. evation	LIFE rea Affec	* * ted : 2%	5	\$3,900	
Metal Sect. OHD	7%			2040	* *	5	\$5,700	
Windows								
Aluminum	100%			2049	* *	5	\$1,700	
Parapets								
Copper/Terne	2%			2071	* *	5	\$300	
Masonry: Brick	88%			LIFE	* *	5	\$2,300	
Masonry: Granite	10%			LIFE	* *	5	\$300	
Roof					* *			
Copper/Terne Modified Bitumen	Location 85%	: 3rd Floo	\$2,900 ent : Severe, Area A r At Base Of Copp tht, Area Affected :	er Roofs 2032		10	\$10,900	
	Location	: Low Roo			di di			
Slate	12%			LIFE	* *			
Interior								
Floors Cast in Place Concrete	38%			LIFE	* *	5	\$11,000	
Cast in Flace Concrete Ceramic Tile	10%			2036	* *	5 5	\$1,300	
Quarry Tile	3%			2030	* *	5	\$600	
Terrazzo	2%			LIFE	* *	5	\$200 \$200	
Vinyl Tile	47%	2-4	\$23,100	2037	* *	3	\$2,300	
vinyi The	Worn/Eroc		: Moderate, Area		: 40%	3	\$2,300	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$900	
Masonry: Brick			\$18,200 l, Extent : Severe, A et Wall Near Sidew					
Plaster	Cracking/o Location Water Pen	: Third Flo etration, E	\$10,500 Extent : Moderate oor, Third Floor Ro xtent : Severe, Are l, 3rd Floor Roof A	oof Acce. a Affecte	ss	5	\$3,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13175

Architecture		Current F	Repair	Futur	e Replacement	nent Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	5%	Now	\$1,800	2040	* *	5	\$300		
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 50%				
	Location	: Engine C	Office, Restroom Ne	ext To En	igine Office				
	Water Pen	Water Penetration, Extent : Severe, Area Affected : 40%							
	Location	: Engine C	Office, Restroom Ne	ext To En	igine Office, Rear	Sitting R	оот		
Exposed Concrete	10%			LIFE	* *	5	\$200		
Exposed Struc: Steel	20%			LIFE	* *	C	\$		
Plaster	65%	Now	\$12,300	LIFE	* *	5	\$5,400		
Taster			Extent : Moderate		ffected : 15%	J	ψ2,100		
			and Third Floor Re		y				
		ing, Extent : Third Flo	: Moderate, Area oor	Affected	: 15%				
	Water Penetration, Extent : Moderate, Area Affected : 10%								
			and Third Floor Re						
Site Enclosure									
Fence/Gates									
Chain link	100%			2047	* *				
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%	Now	\$9,300	2047	* *				
	Other Obs	ervation, E	xtent : Severe, Are	t : Severe, Area Affected : 10%					
	Location	: Sidewalk	Hatch Leaking In	to Basem	ent				
	Explanat	ion : Leaki	ng Hatch						
Parking/Driveway									
Cast in Place Concrete	100%			2040	* *				

Electrical	Current Repair	Future Replacement	Maintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority					
Inder 600 Volts									
Service Equipment									
Fused Disc Sw	50%	2047 **	5						
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Electrical Service Area								
	Explanation: Main Fused Disconnect	Switch 3 Phase, 200 Ampe	eres In Main Switchboard						
Fused Disc Sw	50%	2037 **	5						
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Electrical Service	e Area							
	Explanation: Main Fused Disconnect	Switch 3 Phase, 200 Ampe	eres In Main Switchboard						
Switchgear / Switchboard									
Fused Disc Sw	100%	2037 **	5						
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Electrical Service Area								
	Explanation: Showing Wear Due To I	Regular Usage							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13175

Electrical	Current Repair	Future Re	placement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2037	* *	1		
Panelboards	2007	2026	#0.400	_		
Molded Case Bkrs	20% Aged Component, Extent : Light, Area Location : 1st Floor Main Area Other Observation, Extent : Light, Are Location : 1st Floor Main Area			5		
	Explanation: Trim Is Missing.					
Molded Case Bkrs	80%	2035	* *	5	\$200	
Wiring	0070	2033			Ψ200	
Thermoplastic	25%	2027	\$7,600	1		
Thermoplastic	75%	2037	**	1		
Motor Controllers Locally Mounted	100%	2032	* *	5	\$100	
Locally Mounted	Other Observation, Extent : Light, Are Location : 1st Floor Explanation : Roll- Up Gate		0%	3	\$100	
Lighting						
Interior Lighting Fluorescent	70% T-8 Lamps And Fixtures, Extent : Ligh Location : Basement, 1st, 2nd And 3		\$16,600 <i>l</i> : 100%	10	\$5,100	
Fluorescent	20%	2027	\$4,700	10	\$1,500	
	T-12 Lamps And Fixtures, Extent : Lig Location : Basement, 1st, 2nd And 3s	ght, Area Affecte			4 - , 0 - 0 - 0	
Fluorescent	5% Now \$1,200 Not in Service, Extent : Severe, Area A Location : Throughout		* *			
	T-8 Lamps And Fixtures, Extent : Seve Location : Throughout	ere, Area Affecte	ed : 100%			
	Other Observation, Extent : Severe, And Location : 3rd Floor	rea Affected : 10	00%			
	Explanation : Broken Lens And Bad	Ballast				
Incandescent	5%	2022	\$2,800	2		
	Other Observation, Extent : Light, Are Location : 1st Floor Lounge Room	ea Affected : 100				
	Explanation : All Controlled By Loca	al Dimmers.				
Exterior Lighting						
HID	75%	2027	\$24,700	10		
Incandescent	25%	2022	\$7,000	2		

Alarm

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13175

Electrical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority				
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%	2027 \$4,500	1-3 \$200					
Local/Battery Operated Detect, Extent : Light, Area Affected : 100%								
Location: 2nd Floor Bunkroom And Corridor								

Mechanical	Current Repair	Futur	e Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Natural Gas	100%	2047	* *	1					
Conversion Equipment									
Furnace	5%	2027	\$1,000	1	\$200				
	Other Observation, Extent : Light, Are	a Affected	!: 100%						
	Location : 1st Floor								
	Explanation: Heating / Cooling Uni	t Serves M	lembers Room						
Steam Boiler	95%	2040	* *	1	\$7,500				
Distribution									
Ductwork/Diffusers	5%	LIFE	* *	2-5	\$200				
	Other Observation, Extent: Light, Area Affected: 100%								
	Location : 1st Floor								
	Explanation: Members Room								
Central Plant Steam	95%	2037	* *	4	\$400				
Piping/Pmp									
Terminal Devices									
Convector/Radiator	90%	2032	* *	1	\$2,300				
Unit Heater - Steam	10%	2032	* *	4	\$100				
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : 1st Floor								
	Explanation: Apparatus Floor								
Air Conditioning									
Energy Source									
Electricity	100%	2043	* *	1					
Conversion Equipment	-0.4	• • • •							
Split Unit	5%	2032	**						
Window/Wall Unit	50%	2022	\$8,500	1					
No Component	45%								
Distribution	5 0.4		ala -l-	_					
Ductwork/Diffusers	5%	LIFE	**	2	\$500				
	Other Observation, Extent : Light, Are	a Affected	t : 100%						
	Location: 1st Floor								
	Explanation: Members Room								
No Component	95%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13175

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Terminal Devices Air Handler/Dir	5%	2027	\$2,500	1		
Expansion	Other Observation, Extent : Light, Area Location : 1st Floor Explanation : Members Room	Affected .	: 100%			
No Component	95%					
Ventilation						
Distribution						
Ductwork/Diffusers	5% Other Observation, Extent: Light, Area Location: 1st Floor Explanation: Kitchen Exhaust Only	LIFE Affected	* *	2-5	\$200	
No Component	95%					
Exhaust Fans	70.70					
Roof	5%	2027	\$700	2		
1001	Abandoned in Place, Extent : Light, Are			2		
	Location: 1 Wall Fan On Roof	ii rijjeeree	. 100/0			
	Other Observation, Extent: Light, Area	Affactad	. 100%			
	Location : Roof	Ајјестеи .	10070			
	Explanation : Serves Kitchen Exhaust					
No Component	95%					
Plumbing H/C Water Piping	1000/	20.45	ato ato			
Brass/Copper	100%	2047	* *	1		
Water Heater	1000/				4100	
Gas Fired	100%	2025	\$5,000	2	\$100	
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gallon Units					
Sanitary Piping	1000/	TIPE				
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/		ala ala			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$300	4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	2032	* *	1		
	Other Observation, Extent : Light, Area	Affected .	100%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					
Fire Suppression						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 289/LADDER CO. 138

Asset #: 13175

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Chemical System						
Wet	5%	2025	\$100	1-3	\$200	
No Component	95%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 290/LADDER CO. 103

Address : 480 SHEFFIELD AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.290 / 13176 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,689 Project Type : FIRE DEPARTMENT

Date of Survey : 11-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3804 Lot : 43 BIN : 3084622

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$91,900	
Interior Architecture		\$43,400
Electrical	\$38,500	
Mechanical		\$144,800
Total	\$130,400	\$188,200
Importance Code A	\$91,900	
Importance Code B	\$38,500	\$188,200
Total	\$130,400	\$188,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,800		\$2,500	\$2,200
Interior Architecture	\$36,500		\$1,600	\$1,000
Electrical	\$26,500		\$14,400	\$100
Mechanical	\$5,800	\$1,300	\$10,900	\$1,300
Total	\$89,600	\$1,300	\$29,400	\$4,700
Importance Code A	\$21,600	\$800	\$3,300	\$3,000
Importance Code B	\$62,600	\$600	\$25,600	\$1,700
Importance Code C	\$5,500		\$500	
Total	\$89,600	\$1,300	\$29,400	\$4,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13176

Architecture		Current I	Repair	Futui	re Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Alum/Vinyl Siding	2%			2043	* *	10	\$200		
Cast Stone/Terra Cotta	3%			LIFE	* *	5	\$7,600		
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,000		
Masonry: Brick	83%		\$40,700	LIFE	* *	5	\$27,000		
	_	_	Extent: Severe, A	rea Affe	cted : 20%				
			wer At Roof						
			l, Extent : Modera		Affected : 10%				
	Location	: Hose To	wer And Througho	ut					
Masonry: Granite	2%			LIFE	* *	5	\$500		
Metal Sect. OHD	5%			2036	* *	5	\$5,100		
Windows									
Aluminum	100%			2039	* *	5	\$2,400		
Parapets									
Cast Stone/Terra Cotta	10%	Now	\$1,300	LIFE	* *	5	\$1,600		
	Broken/M	issing Elen	ents, Extent : Seve	re, Area	Affected : 5%				
	Location	: At South	east Corner						
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 100%				
	Location	: Through	out						
Copper/Terne	45%			2067	* *	5	\$4,400		
Masonry: Brick	35%	0-2	\$8,200	LIFE	* *	5	\$700		
,	Jnt Morta	r Miss/Ero	l, Extent : Modera		Affected : 35%				
	Location	: Through	out						
	Spalling, I	Extent : Mo	derate, Area Affec	ted : 30%	6				
	Location	: Through	out						
Metal Panel	10%			2043	* *	5	\$800		
Roof							4000		
Asphalt Shingle	10%			2036	* *	10	\$200		
Modified Bitumen	5%			2019	\$4,300	10	\$700		
Roll Roofing	85%	2-4	\$5,100	2019	\$51,200	5	\$10,400		
2222222			xtent : Severe, Are			-	4-0,		
			of, Hose Tower	33					
nterior			-						
Floors									
Cast in Place Concrete	50%			LIFE	* *	5	\$16,000		
Ceramic Tile	5%			2032	* *	5	\$700		
Quarry Tile	10%			2036	* *	5	\$2,200		
Vinyl Tile	35%	4+	\$900	2028	\$43,400	3	\$1,900		
•			ents, Extent : Ligh		·		+) -		
		_	or Near Laundry A						

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13176

Architecture	(Current Repai	r	Futur	e Replacement	М	aintenance		
System Component Type		'ail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls	-0.			2026		_	44.000		
Ceramic Tile	5%			2036	* *	5	\$1,000		
Masonry: Brick	30%	111 E .	. 16 1	LIFE					
		umbling, Exter Column At Ce			fected : 3%				
Plaster	35%	Now	\$5,500	LIFE	* *	5	\$2,100		
	Cracking/Cr Location:	rumbling, Exter 2nd Floor	nt : Moderate	, Area A <u>f</u>	fected : 15%				
	Water Penet Location :	ration, Extent 2nd Floor	: Light, Area	Affected	: 10%				
SGFT/Glazed Masonry	30%			LIFE	* *				
Ceilings									
AcousTileSusp.Lay-In		2-4 ing Elements, 1st And 2nd F	_	2028 t, Area A	\$5,700 ffected : 10%	5	\$400		
		ration, Extent 1st And 2nd F		Area Affe	cted : 10%				
Exposed Concrete	20%			LIFE	* *	5	\$400		
Exposed Struc: Steel	35%	4+	\$20,900	LIFE	* *				
	Broken/Missing Elements, Extent: Severe, Area Affected: 5% Location: Missing Fireproofing At Steel Beam In Cellar Boiler Room								
	Corrosion/R	usting, Extent Cellar At Fror	: Moderate, A						
Plaster		0-2 coloring, Exten 2nd Floor Bat		LIFE , Area Aj	* * ffected : 20%	5	\$3,600		
		ration, Extent 2nd Floor Offi		Area Affe	cted : 5%				

lectrical	Current Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$4,800	5	\$200	
	Other Observation, Extent : Light, Area	Affected	! : 100%			
	Location: Basement					
	Explanation: 350 Amp					
Raceway						
Conduit	100%	2023	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2022	\$38,500	5	\$200	
Wiring						
Thermoplastic	100%	2023	\$27,700	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13176

Electrical		Current Repa	nir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Motor Controllers								
Locally Mounted	100%			2021	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic		Now	\$9,500	LIFE	**	5	\$100	
		ervation, Exten			ed: 100%			
		: Basement Wa						
• 17.	Explana	tion : Ground W	ire Disconne	cted				
ighting								
Interior Lighting Fluorescent	55%			2028	\$12,900	10	\$4,400	
Tuorescent		s And Fixtures,	Extent · Lioht		+)	10	9- ,-100	
		: Throughout	Extern : Eight,	111 ca 1199	. 100/0			
Fluorescent	25%	Now	\$5,900	2033	* *			
1 Idolescent	-	s And Fixtures,	. ,		fected : 100%			
		: Throughout	9 /	33				
		ervation, Exten	t : Severe, Are	a Affecte	ed : 100%			
		: Throughout						
	Explana	tion : Burnt Out	•					
Incandescent	20%			2019	\$11,100	2		
Exterior Lighting					•			
Fluorescent	30%			2023	\$8,300	10	\$200	
		ervation, Exten	t : Light, Area	Affected	: 100%			
	Location	: Side Yard						
	Explana	tion : Downligh	ts, Controlled	Via Swit	ch			
HID	70%			2023	\$22,900	10		
		ervation, Exten		Affected	: 100%			
		: Facade And						
	Explana	tion : Wall Mou	nted And Floo	odlights, (Controlled Via Tin	ie Clock		

Mechanical	Current Repair	Future I	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Hot Water Boiler	20%	2040	* *	1	\$900	
	Other Observation, Extent : Light, Are	a Affected : .	100%			
	Location: 1st Floor					
	Explanation: Located In Front Of M	lembers Rooi	m			
Steam Boiler	80%	2036	* *	1	\$6,900	
Distribution						
Hot Wtr Piping/Pump	20%	2045	* *	4	\$100	
Central Plant Steam	80%	2023	\$110,000	4	\$500	
Piping/Pmp			,			

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13176

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices						
Convector/Radiator	80%	2028	\$34,800	1	\$2,300	
Convector/Radiator	20%	2040	* *	1	\$600	
Air Conditioning						
Energy Source	1000/	2020	* *	1		
Electricity	100%	2039		1		
Conversion Equipment Exterior Pkg Unit - Cooling	30%	2031	* *	2	\$200	
_	Other Observation, Extent: Light, A	Area Affected .	100%			
	Location: Roof					
	Explanation: 410 A Refrigerant					
Exterior Pkg Unit - Cooling	30%	2031	* *	2	\$200	
	Other Observation, Extent: Light, A Location: 1st Floor		100%			
	Explanation: 4 Split Units / 410 A					
Window/Wall Unit	20%	2019	\$3,400	1		
No Component	20%					
Distribution Ductwork/Diffusers	30%	LIFE	* *	2	\$3,400	
No Component	70%	LIFE		2	\$5,400	
Heat Rejection	7070					
Dry Cooler	30%	2031	* *	2	\$1,800	
•	Other Observation, Extent : Light, A	Area Affected .	100%			
	Location: 1st Floor					
	Explanation: 4 Split Units					
No Component	70%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,800	
Exhaust Fans	500/	2022	Ø 6 7 00	2	#100	
Roof	50%	2023	\$6,700	2	\$100	
Wall Unit	50%	2023	\$1,400	2	\$100	
Plumbing H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater	10070	2033				
Gas Fired	100% Now \$10 Other Observation, Extent : Severe,		\$5,000 !: 2%	2	\$100	
	Location: Basement	Cause P 1-				
Ci4 Di	Explanation : Chimney Cleanout C	over Broken				
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	LILE		1		
Cast Iron	100%	LIFE	* *	1		
Cust HUII	100/0	LILL		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13176

Mechanical	Current Repair	Futur	re Replacement	М	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Submersible	100%	2019	\$300	4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	2023	\$100	1		
	Other Observation, Extent: Light, Are	a Affected	! : 100%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent: Light, Are	a Affected	! : 100%			
	Location: Kitchen					
	Explanation: Serves Cooking Area					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 805

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 291/LADDER CO. 140 Address : 56-07 METROPOLITAN AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.291 / 13177 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,592 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2646 Lot : 18 BIN : 4440960

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$323,700	
Interior Architecture	\$327,700	
Mechanical	\$120,000	\$59,900
Total	\$771,400	\$59,900
Importance Code A	\$375,700	
Importance Code B	\$334,400	\$59,900
Importance Code C	\$61,300	
Total	\$771,400	\$59,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$43,000			
Interior Architecture	\$82,000	\$500		\$300
Electrical	\$1,300	\$100		\$29,700
Mechanical	\$30,500	\$1,500	\$1,200	\$12,900
Total	\$156,800	\$2,200	\$1,200	\$42,900
Importance Code A	\$43,000	\$900	\$900	\$900
Importance Code B	\$98,300	\$1,300	\$400	\$42,000
Importance Code C	\$15,500			
Total	\$156,800	\$2,200	\$1,200	\$42,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13177

chitecture	Current Repair	Future Replacement	M	aintenance	
tem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
erior					
Exterior Walls					
Cast Stone/Terra Cotta	8% Now \$31,600 Int Mortar Miss/Erod, Extent: Moderal Location: Main Facade	LIFE ** te, Area Affected : 50%	5	\$17,500	
Copper/Terne	2% Now \$79,700 Corrosion/Rusting, Extent: Severe, Are Location: Copper Fascia, Metropoliti Seams Open/Split, Extent: Moderate, A Location: Copper Fascia	an Avenue			
Masonry: Brick	80% 0-2 \$201,900 Corrosion/Rusting, Extent: Moderate, A Location: Rear Elevation Lintels Diagonal Cracks, Extent: Severe, Area Location: Rear Elevation, 1st, 2nd An Int Mortar Miss/Erod, Extent: Modera Location: Metropolitan Avenue And I	Affected : 10% nd 3rd Floor te, Area Affected : 75%	5	\$22,300	
Masonry: Granite	5% 2-4 \$3,400 Broken/Missing Elements, Extent: Mod Location: Door Jambs	LIFE ** erate, Area Affected : 10%	5	\$1,000	
Wood Overhead Doors	5% 0-2 \$2,200 Broken/Missing Elements, Extent: Mod Location: Glass Window Panes	2032 ** Verate, Area Affected : 10%	5	\$3,500	
Windows					
Aluminum	100% Now \$5,800 Ctrwt/Balnc Not Funct, Extent: Modera Location: 2nd Floor Windows Unit Inoperable, Extent: Severe, Area Location: 3rd Floor Rear - Lower Sa.	Affected : 100%	5	\$300	
Parapets	Zocanon . Sta I tool Real Zower Sal	sit out of Frame, one out			
Cast Stone/Terra Cotta	30%	LIFE **	5	\$2,400	
Masonry: Brick	70%	LIFE **	5	\$700	
Roof				7	
Built-Up (BUR)	90% Now \$42,000 Alligatoring, Extent: Severe, Area Affect Location: 2nd And 3rd Floor Roof Blisters, Extent: Moderate, Area Affect Location: Multiple Locations, 2nd An Ponding, Extent: Severe, Area Affected Location: 2nd And 3rd Floor Roof Ar Water Penetration, Extent: Severe, Area	ed : 10% d 3rd Floor Roof : 30% ea a Affected : 30%			1
	Location: Throughout 2nd And 3rd F			*	
Modified Bitumen	10%	2035 **	10	\$1,000	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13177

Architecture	Current l	Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors Cast in Place Concrete	45% 0-2 Other Observation, E	\$60,100 Extent : Severe, Are	LIFE ea Affecte	* * d : 100%	5	\$12,700	
	Location : Apparate Explanation : Steel Replacemnt Requir	us Columns Shoring			From Ba	sement Repair/	
Ceramic Tile	8% 0-2 Cracking/Crumbling, Location: Kitchen	\$1,000 Extent : Moderate	2036 e, Area Af	* * fected : 10%	5	\$500	
Quarry Tile	5%		2040	* *	5	\$1,000	
Terrazzo	4% Now Cracking/Crumbling Location: Stair La		LIFE e, Area Af	* * fected : 100%	5	\$400	
Vinyl Tile	20% Now Broken/Missing Elen Location: Through Worn/Eroded, Extent Location: Through	out 2nd Floor : Severe, Area Aff			3	\$1,000	
Wood	18% Now Worn/Eroded, Extent Location: 3rd Floo Other Observation, E Location: 3rd Floo Explanation: Expo	or Extent : Moderate, 1 or	Area Affe		5	\$2,200	
Interior Walls							
Ceramic Tile	30% Now Other Observation, E Location : Apparate Explanation : Histor	us Room			5	\$1,600	
Masonry: Brick	30% Now Diagonal Cracks, Ex Location: Through Paint Peeling, Extens Location: Through Water Penetration, E Location: Rear Ce	out Hose Tower t : Severe, Area Aff out Basement, Hos Extent : Moderate, A	fected : 70 se Tower	9%			
Plaster	40% Now Cracking/Crumbling, Location: below H	ose Tower			5	\$1,300	
	Diagonal Cracks, Ex Location : East Wa	11					
	Loose/Delam Surface Location: 2nd Floo	or Rear Wall					
	Water Penetration, E Location : East Sta				vs		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13177

Architecture	Currer	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	Location : Kitche	ent : Moderate, Area		-	5	\$2,400	
Exposed Concrete	25% 0-2 Paint Peeling, Extended Location: Cellan	\$87,300 ent : Moderate, Area	LIFE Affected	**	5	\$400	
	Location : Cellar	, Extent : Severe, Are iling Is Temporarily			To Supp	ort Truck Loads	
Plaster	Location: Hose Water Penetration Location: 2nd F Worn/Eroded, Exte	\$42,800 ent : Severe, Area Aff Tower, 2nd Floor Loo , Extent : Moderate, A loor Washer/ Dryer A ent : Severe, Area Aff To 3rd Floor, Hose T	cker Rooi Area Affe Area, 3rd ected : 60	n And 2nd Floor E cted : 25% Floor Gymnasium 9%		\$2,000	
Site Enclosure							
Fence/Gates							
Chain link	100%		2047	* *			
Site Pavements							
On-Site Walkways Cast in Place Concrete	100%		2040	* *			
Parking/Driveway Cast in Place Concrete	100%		2040	**			

lectrical	Current Repair	Future Replaceme	ent	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location: Basement					
	Explanation: 200 Amp					
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring						
Thermoplastic	100%	2037	* *	1		

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13177

Electrical	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Motor Controllers			_	****	
Locally Mounted	100%	2032 **	5	\$100	
	Other Observation, Extent : Light, A	rea Affected : 100%			
	Location : 1st Floor				
	Explanation: Motor Controllers F	or 2 Overhead Doors			
Ground					
Grounding Devices					
Not Accessible	100%				
Lighting					
Interior Lighting					
Fluorescent	95%	2022 \$22,100	10	\$7,500	
	T-12 Lamps And Fixtures, Extent : L Location : Throughout	ight, Area Affected : 100%			
Incandescent	5%	2027 \$2,700	2		
	Other Observation, Extent: Light, A Location: 2nd Floor	rea Affected : 100%			
	Explanation: Incandescent Lamps	In Use			
Exterior Lighting					
HID	100%	2027 \$32,400	10		
Alarm					
Fire/Smoke Detection					
No Component	95%				
Generic, Analog	5% Now \$1,30	0 2027 \$4,400	1-3	\$200	
_	Devices Missing, Extent : Severe, Ar Location : 2nd Floor	ea Affected : 30%			
	Local/Battery Operated Detect, Exte Location : 2nd Floor	nt : Light, Area Affected : 100	9%		

/lechanical		Current Rep	air	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating								
Energy Source								
Natural Gas	20%			2047	* *	1		
Natural Gas	80%	Now	\$800	2057	* *	1		
	Other Obs	ervation, Exte	nt : Severe, Are	a Affecte	d : 100%			
	Location	: Cellar						
	Explanat	ion : All Pipi	ng Extremely C	orroded .	From Apparatus F	loor Leal	k.	
Conversion Equipment								
Steam Boiler	100%	Now	\$52,000	2047	* *	1	\$7,700	
	Corroded,	Extent : Seven	e, Area Affecte	d : 100%				
	Location	: Basement						
	Damaged,	Extent : Seven	e, Area Affecte	d : 100%				
	Location	: Cellar						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13177

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Distribution Central Plant Steam Piping/Pmp	100%	Now	\$68,000	2037	* *	4	\$400	
			evere, Area Affecte round Boiler	d : 20%				
Terminal Devices Convector/Radiator	100%			2032	* *	1	\$2,800	
Air Conditioning	10070			2032			Ψ2,000	
Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment Window/Wall Unit No Component	70% 30%			2022	\$11,700	1		
Ventilation Exhaust Fans								
Wall Unit	100%			2027	\$2,900	2	\$300	
Plumbing H/C Water Piping Brass/Copper	100%			2027	\$59,900	1		
Water Heater Gas Fired	100%			2026	\$4,900	2	\$100	
	Location	: Basemen	Extent : Light, Area et 75 Gallon Unit - Ro					
Sanitary Piping	Елрианан	on . One .	3 Guion Onii - Re	ceni ms	itti			
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50% Corroded, Location		\$29,400 evere, Area Affecte	LIFE d : 50%	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Submersible	100%			2020	\$300	4	\$300	
Backflow Preventer No Component	95%							
Generic			Extent : Light, Area Iechanical Room	2032 Affected	* *	1		
	Explanati	ion : Boile	r Feed					
Fixtures								
Generic Fire Suppression	100%							
Chemical System								
Wet No Component	5% 95%			2025	\$100	1-3	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 292/RESCUE CO. 4
Address : 64-18 QUEENS BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 7,657 Project Type : FIRE DEPARTMENT

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2325 Lot : 37 BIN : 4053652

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$66,800	
Total	\$66,800	
Importance Code A	\$66,800	
Total	\$66.800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,700			\$11,700
Interior Architecture	\$17,000	\$1,500	\$100	\$1,100
Electrical	\$16,900	\$100		\$3,200
Mechanical	\$1,100	\$8,500	\$1,200	\$1,000
Total	\$66,700	\$10,100	\$1,300	\$17,100
Importance Code A	\$34,900	\$800	\$800	\$12,500
Importance Code B	\$25,000	\$8,500	\$600	\$4,600
Importance Code C	\$6,800	\$900		
Total	\$66,700	\$10,100	\$1,300	\$17,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13178

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%		****	2037	* *	10	\$400	
Masonry: Brick	78%		\$66,800	LIFE	**	5	\$22,200	
	_		tent : Moderate, Ar	rea Affec	ted : 10%			
		: Side Elev		A A CC .				
			xtent : Moderate, A out, Except Front I		стеа : 15%			
		_	ош, Ехсері ғ ғот 1 : Moderate, Area .		. 75%			
		ing, Extent : Sides An		Ајјестеи	. 7570			
Masonry: Granite	2%			LIFE	* *	5	\$400	
Masonry: Limestone	5%			LIFE	* *	5	\$1,100	
Metal Sect. OHD	10%			2032	* *	5	\$8,900	
Windows	1070			2032			ψο,>σο	
Aluminum	100%	Now	\$26,100	2052	* *	5	\$1,600	
	Ctrwt/Bali	nc Not Fund	ct, Extent : Severe,	Area Af	fected : 50%			
	Location	: Through	out					
	Weather S	trip Missin	g, Extent : Severe,	Area Aff	ected : 20%			
	Location	: Seals/ G	askets At Windows	Broken				
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	\$5,300	
Masonry: Brick	75%			LIFE	* *	5	\$2,100	
Roof	000/			2022	* *	1.0	Ф 7 200	
Modified Bitumen	80%	N I	Φ 5 (00	2032	* *	10	\$7,300	
Roll Roofing	15%		\$5,600 : Severe, Area Aff	2029		5	\$1,100	
	-		. severe, Area Ajj vident To 3rd Floor		070			
Skylight, Metal/Glass	5%	. Leans L	1001	2047	* *	10	\$1,500	
Interior	370			2047		10	\$1,300	
Floors								
Cast in Place Concrete	80%			LIFE	* *	5	\$22,200	
Ceramic Tile	10%			2030	* *	5	\$1,300	
Quarry Tile	5%			2032	* *	5	\$1,000	
Vinyl Tile	5%			2027	\$5,400	3	\$200	
Interior Walls								
Ceramic Tile	10%			2030	* *	5	\$1,700	
Gypsum Board	30%			LIFE	* *	5	\$3,100	
Masonry: Brick	20%		\$6,800	LIFE	* *			
			xtent : Severe, Are		d : 5%			
		: Basemen	t At Front And Eas					
SGFT/Glazed Masonry	40%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13178

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2032	* *	5	\$1,300	
Exposed Concrete	25%	Now	\$10,200	LIFE	* *	5	\$500	
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 30%			
	Location	: Basemen	t					
	Exposed R	einforceme?	ent, Extent : Severe,	Area Aj	ffected : 5%			
	Location	: Basemen	t					
Gypsum Board	10%			LIFE	* *	5	\$1,600	
Plaster	55%			LIFE	* *	5	\$4,400	
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	* *			
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2040	* *			

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estir Total (Years)	nated Cost Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100% 2-4	\$2,400 2037	* *	5		
	Enclosure Corroded, Exten	t : Severe, Area Affected : 5	0%			
	Location: Basement					
	Other Observation, Extent .	: Light, Area Affected : 100	%			
	Location: Basement Fron	ıt				
	Explanation: 200 Amp					
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5	\$100	
	Other Observation, Extent .	: Light, Area Affected : 100	%			
	Location : Basement Boile	er Room And 1st Floor				
	Explanation : Controls Fo	or Heating System And 2 Ov	erhead Doo	rs		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13178

Electrical	Current Repair	Futur	e Replacement	M	laintenance				
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Interior Lighting									
Fluorescent	45%	2032	* *	10	\$3,200				
	T-8 Lamps And Fixtures, Extent: Light, Area Affected: 100%								
	Location : 1st Floor								
Incandescent	5%	2027	\$2,500	2					
	Other Observation, Extent : Light, A.	rea Affected	: 100%						
	Location: 1st Floor Television Roc	om							
	Explanation: Incandescent Lamps	Observed							
LED	50%	2032	* *						
	Recent Replace Evident, Extent: Light, Area Affected: 100%								
	Location : 3rd Floor And Gymnasia								
Egress Lighting									
Exit, Service	50%	2027	\$400	1					
No Component	50%								
Exterior Lighting									
HID	100% 4+ \$14,40	0 2027	\$28,900						
	Sensor/Timer Malfunction, Extent: N	Aoderate, A	rea Affected : 100%	%					
	Location: Exterior								
Alarm									
Fire/Smoke Detection									
No Component	95%								
Generic, Analog	5%	2027	\$4,000	1-3	\$200				
	Local/Battery Operated Detect, Exter	nt : Light, A	rea Affected : 1009	%					
	Location: 2nd Floor								

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estir FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2047	* *	1		
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$7,600	
Distribution						
Central Plant Steam	100%	2053	* *	4	\$400	
Piping/Pmp						
	Recent Replace Evident, Extent : L Location : Throughout	ight, Area Affected :	60%			
Terminal Devices						
Convector/Radiator	100%	2040	* *	1	\$2,500	
ir Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13178

lechanical	Current Repair	Future Rep	lacement	Maintenance		
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning						
Conversion Equipment						
Split Unit	30%	2035	* *			
	Recent Installation, Extent : Light, A	rea Affected : 20%	ó			
	Location: 3rd Floor					
Window/Wall Unit	50%	2020	\$7,500	1		
No Component	20%					
entilation						
Exhaust Fans						
Wall Unit	20%	2027	\$500	2		
	Other Observation, Extent : Light, A					
	Location: 1st Floor	55				
	Explanation : Wall Fan For Appar	atus Floor				
No Component	80%					
umbing	8070					
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Brass/Copper	No Water Meter, Extent : Light, Area			1		
	Location: Basement	и пурестей : 100/0				
Water Heater	Document : Busement					
Gas Fired	100%	2025	\$4,400	2	\$100	
Gas Filed	Other Observation, Extent : Light, A		. ,	2	\$100	
	Location: Basement	теи Ајјестеи . 100.	70			
	Explanation: Two 75 Gallon Units	~				
Sanitary Piping	Explanation: Two 73 Gation Units	8				
Cast Iron	100%	LIFE	* *	1		
	100%	LIFE		1		
Storm Drain Piping	1000/	LIEE	* *	1		
Cast Iron	100%	LIFE		1		
Sump Pump(s)	1000/	2027	Ф1 100	4	Φ200	
Non-Submersible	100%	2027	\$1,100	4	\$200	
Backflow Preventer						
No Component	95%					
Generic	5%	2035	**	1		
	Other Observation, Extent : Light, A	rea Affected : 100	%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 293 Address : 89-40 87th STREET

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.293 / 13179 Yr Built/Renovated : 1915 / 2006

Area Sq Ft : 4,225 Project Type : FIRE DEPARTMENT

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8968 Lot : 25 BIN : 4185536

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$125,500	\$37,900
Electrical		\$38,500
Total	\$125,500	\$76,400
Importance Code A	\$125,500	\$37,900
Importance Code B		\$38,500
Total	\$125,500	\$76,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$72,300	\$500		\$7,600
Interior Architecture	\$75,300	\$200	\$1,800	\$300
Electrical	\$10,900		\$100	\$21,600
Mechanical	\$6,200	\$500	\$700	\$6,100
Site Enclosure				
Total	\$164,600	\$1,400	\$2,500	\$35,600
Importance Code A	\$77,500	\$1,000	\$400	\$8,100
Importance Code B	\$65,100	\$400	\$500	\$27,600
Importance Code C	\$22,000		\$1,600	
Total	\$164,600	\$1,400	\$2,500	\$35,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 293

Asset #: 13179

rchitecture	Current Repa	air	Future Replacement		Maintenance				
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior									
Exterior Walls	500/ NI	#105 500		ماد ماد	_	#12 000			
Masonry: Brick	70% Now Horizontal Cracks, Exten Location: West Facade		LIFE rea Affe	* * cted : 5%	5	\$13,900			
	Int Mortar Miss/Erod, Ex Location : Throughout	xtent : Severe, A	Area Affe	ected : 35%					
	Misaligned/Bulging, Exte Location : North Facad		Area Afj	fected : 10%					
	Vegetation Growth, Extent : Severe, Area Affected : 30% Location : West And South Facades								
	Water Penetration, Extent : Severe, Area Affected : 20% Location : North And East Facades								
	Other Observation, Extendance Location: East And No	rth Facades	rea Affe	ected : 65%					
	Explanation : Safety Ne			* *		** ** * * * * * * * *			
Masonry: Limestone	10% Now Jnt Mortar Miss/Erod, Ex Location : East Facade		LIFE e, Area A		5	\$1,500			
Metal Panel	5% Now Deformed/Dented, Extent Location: Hose Tower	\$2,100 t : Severe, Area	2037 Affected	* * l : 10%	5	\$1,900	1		
	Deteriorated Finish, Exte Location : Hose Tower	ent : Moderate,	Area Afj	fected : 50%					
	Seams Open/Split, Extent Location : Hose Tower	: Severe, Area	Affected	! : 20%					
Wood Overhead Doors	15%		2032	* *	5	\$14,900			
Windows									
Aluminum	100%		2035	* *	5	\$1,100			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 293

Asset #: 13179

chitecture	Current Repair	Future Replacement	М	aintenance					
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority				
erior									
Parapets									
Cast Stone/Terra Cotta	5% Now \$1,300	LIFE **	5	\$800					
	Jnt Mortar Miss/Erod, Extent : Severe,	Area Affected : 25%							
	Location : Coping								
	Open Joints, Extent : Severe, Area Affe	cted : 70%							
	Location: Coping								
Masonry: Brick	25% Now \$5,800	LIFE **	5	\$500					
	Loose/Delam Surface, Extent : Severe, .	Area Affected : 50%							
	Location : Interior Face								
	Misaligned/Bulging, Extent: Moderate	, Area Affected : 25%							
	Location: Interior Face								
	Worn/Eroded, Extent: Severe, Area Aff	fected: 25%							
		Location : Interior Face							
	Other Observation, Extent : Moderate,	Area Affected : 100%							
	Location: Interior Face		Г	D : 1					
	Explanation: Stucco On Brick, Stucco								
Masonry: Brick	60% Now \$20,900	LIFE **	5	\$1,200	1				
	Jnt Mortar Miss/Erod, Extent: Severe,	Атеа Ајјества : 50%							
	Location: Throughout	A. CC 4 - 1 - 500/							
	Vegetation Growth, Extent: Severe, Art Location: West And South Facades	еа Аffестеа : 50%							
		Affacted . 250/							
	Worn/Eroded, Extent : Moderate, Area Location : Throughout	Affeciea . 25%							
	Other Observation, Extent: Moderate,	Area Affected : 75%							
	Location: North And East Facades	Area Affectea . 75/0							
	Explanation: Safety Net Installed								
Masonry: Limestone	5% 4+ \$5,300	LIFE **	5	\$100					
Masonry. Entiestone	Broken/Missing Elements, Extent: Ligh	LIFE	3	\$100					
	Location: Main Roof	u, meangreetea . 2070							
	Jnt Mortar Miss/Erod, Extent : Modera	ite. Area Affected : 40%							
	Location : Mian Roof	,							
	Worn/Eroded, Extent : Moderate, Area	Affected: 60%							
	Location: Main Roof	33							
Metal Panel	5%	2047 **	5	\$400					
Roof									
Modified Bitumen	100% Now \$15,200	2027 \$37,900			1				
	Alligatoring, Extent : Severe, Area Affe	ected : 30%							
	Location: Lower Roof								
	Miss/Damaged Flashings, Extent: Seve								
	Location: Various Locations Along F	Paranet							

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 293

Asset #: 13179

Architecture	Current Repair	Future Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
nterior					
Floors Cast in Place Concrete	50% Now \$32,8 Cracking/Crumbling, Extent: Mode Location: Apparatus Room Other Observation, Extent: Mode	lerate, Area Affected : 20%	5	\$6,900	
	Location : Basement	in the figure and the state of			
	Explanation : Apparatus Room F Columns	Floor Is Shored Up By Several St	eel I Bear	ns And Lally	
Ceramic Tile	5%	2036 **	5	\$300	
Quarry Tile	5%	2040 **	5	\$500	
Vinyl Tile	40% 4+ \$4 Cracking/Crumbling, Extent: Light Location: 2nd Floor Locker Are		3	\$900	
Interior Walls					
Ceramic Tile	30%	2036 **	5	\$3,300	
Masonry: Brick	25% Now \$21,2 Spalling, Extent : Severe, Area Aff Location : Basement	ected : 20%			
	Water Penetration, Extent: Severe Location: Basement	e, Area Affected : 20%			
Plaster	35%	LIFE **	5	\$1,100	
Plaster	10% Now \$9 Cracking/Crumbling, Extent: Seven Location: Second Floor Locker Water Penetration, Extent: Severe Location: Second Floor Locker	Room And Office v, Area Affected : 20%	5	\$300	
Ceilings					
Acous TileSusp.Lay-In	Broken/Missing Elements, Extent : Location : Kitchen Staining/Discoloring, Extent : Mod Location : Kitchen	derate, Area Affected : 25%	5	\$300	
	Water Penetration, Extent: Model Location: 2nd Floor Bathroom				
Embossed Metal	60% Now \$19,5 Bent/Warped Elements, Extent: M Location: Apparatus Floor And Deformed/Dented, Extent: Moder Location: Apparatus Floor And Water Penetration, Extent: Model Location: 2nd Floor Office Over	loderate, Area Affected : 20% Second Floor ate, Area Affected : 25% Second Floor rate, Area Affected : 10%	5	\$1,700	
Exposed Concrete	30%	LIFE **	5	\$300	
Site Enclosure	JU / U	LIFE	<u>J</u>	\$300	
Fence/Gates					
Chain link	60%	2047 **			
Wood	40%	2025 \$7,200			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 293

Asset #: 13179

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Site Pavements				
On-Site Walkways				
Cast in Place Concrete	100%	2040 **		
Parking/Driveway				
Cast in Place Concrete	100%	2032 **		

Electrical	Curre	nt Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Fail D Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100% 0-2	\$4,800	2057	* *	5	\$100		
	Suspect Water Da	mage, Extent : Moder	ate, Area	ı Affected : 100%				
	Location : Baser	nent						
	Other Observation	n, Extent : Light, Area	Affected	! : 100%				
	Location : Baser	nent						
	Explanation : M	ain Service Switch Ra	ted @ 40	00 Amperes				
Raceway								
Conduit	90%		2027	\$28,200	1			
Conduit	10%		2037	* *	1			
Panelboards								
Molded Case Bkrs	100%		2026	\$38,500	5	\$100		
Wiring								
Thermoplastic	50%		2027	\$13,800	1			
Thermoplastic	50%		2037	* *	1			
Motor Controllers								
Locally Mounted	100%		2025	\$14,400	5			
Ground								
Grounding Devices								
Generic	100% 0-2	\$1,000	LIFE	* *	5	\$100		
	Other Observation	n, Extent : Moderate, .	Area Affe	ected : 100%				
	Location : Baser	nent						
	Explanation: G	round Wire Connectio	on To Wa	ter Pipe Is Corrodo	ed.			

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 293

Asset #: 13179

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	75%	2022	\$8,600	10	\$2,900	
	Other Observation, Extent: Light, Area	a Affectea	: 100%			
	Location: Throughout The Building Explanation: T-12 Lamps					
F1	5%	2022	\$600	10	\$200	
Fluorescent	5% Other Observation, Extent : Light, Area		·	10	\$200	
	Location : 1st Floor	і Аујесіей	. 100/0			
	Explanation: T-8 Lamps					
Fluorescent	15% Now \$1,700	2037	* *			
11001000011	Not in Service, Extent : Severe, Area A		00%			
	Location : First And Second Floor					
	T-12 Lamps And Fixtures, Extent : Light Location : First And Second Floor	ht, Area A	ffected : 100%			
Incandescent	5%	2022	\$1,400	2		
Exterior Lighting						
Fluorescent	20% Now \$2,700	2037	* *			
	Not in Service, Extent : Severe, Area Aj	ffected : 1	00%			
	Location : Back Patio					
HID	50%	2022	\$8,000	10		
HID	30%	2027	\$4,800	10		
Alarm						
Fire/Smoke Detection No Component	95%					
Generic, Digital	5% Now \$700	2032	* *	1-3	\$100	
Generic, Digital	Devices Missing, Extent : Moderate, A		ed · 100%	1-3	\$100	
	Location: Throughout Building	231133200	. 100/0			
	Local/Battery Operated Detect, Extent	: Light, A	rea Affected : 1009	%		
	Location: Throughout Building	0 -	00			

Mechanical	Current Repair	F	uture	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100% 0-2	\$100 20)47	* *	1		
	Corroded, Extent : Modera	te, Area Affected	: 40%	6			
	Location: Basement						
Conversion Equipment							
Steam Boiler	100%	20	040	* *	1	\$4,200	
	Other Observation, Extent	: Light, Area Affe	ected :	100%			
	Location: Basement						
	Explanation: 1 Unit						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 293

Asset #: 13179

Mechanical	Current Repair	Future Replacement	N	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Heating Distribution Central Plant Steam Piping/Pmp	100% Other Observation, Extent : Mod Location : Basement	2037 ** lerate, Area Affected : 100%	4	\$200	
	Explanation: No Insulation An	nd No Dielectric Fittings			
Terminal Devices	1	0			
Convector/Radiator	90%	2032 **	1	\$1,200	
Unit Heater - Steam	10%	2022 \$1,400	4		
Air Conditioning Energy Source Electricity	100%	2035 **	1		
Conversion Equipment Window/Wall Unit No Component	50% 50%	2022 \$4,100	1		
Ventilation					
Exhaust Fans Interior	10% Now \$1 Broken, Extent : Moderate, Area Location : Bathrooms	,400 2037 ** Affected : 100%	2		
Roof	10% Now Broken, Extent : Moderate, Area Location : Kitchen Hood	\$700 2037 ** Affected : 100%	2		
No Component	80%				
Plumbing					
H/C Water Piping Brass/Copper	90% Antiquated, Extent : Moderate, A Location : Water Service From		1		
Brass/Copper	10% Now \$1 Not in Service, Extent : Moderate Location : Womens Bathroom	,500 2037 ** e, Area Affected : 50%	1		
Water Heater Gas Fired	100% Other Observation, Extent: Light Location: Basement Explanation: (1) 75 Gallon Un	-	2	\$100	
Sanitary Piping Cast Iron	100%	LIFE **	1		
Storm Drain Piping Cast Iron	100% 0-2 \$1 Corroded, Extent : Moderate, Ar Location : Basement	,600 LIFE ** rea Affected : 50%	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 823

FIRE DEPARTMENT - 057

ENGINE CO. 293

Asset #: 13179

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Non-Submersible	100% Now \$40	0 2037	* *	4	\$100	
	Broken, Extent : Severe, Area Affect	ed : 100%				
	Location: Basement					
	Other Observation, Extent: Severe,	Area Affected : .	10%			
	Location: Basement					
	Explanation: Flooding Condition					
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent : Light, Ar	ea Affected : 10	00%			
	Location: Bathrooms					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 294/LADDER CO. 143

Address : 101-02 JAMAICA AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 6,979 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 9286 Lot : 6 BIN : 4194106

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$164,600	\$35,500
Total	\$164,600	\$35,500
Importance Code B	\$120,800	\$35,500
Importance Code C	\$43,800	
Total	\$164,600	\$35,500

Mechanical	\$12,700	\$1,200	\$1,200	\$14,600
Total	\$150,800	\$1,700	\$5,200	\$25,900
Importance Code A	\$64,300	\$700	\$700	\$4,800
Importance Code B	\$64,900	\$1,000	\$500	\$21,000
Importance Code C	\$21,600		\$3,900	
•				



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13180

rchitecture		Current Rep	pair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	35%	2-4	\$28,000	LIFE	* *	5	\$9,300	
	-		ate, Area Affect	ed : 2%				
		: East Side Y	ard					
Masonry: Brick	45%			LIFE	* *	5	\$11,900	
Masonry: Granite	5%			LIFE	* *	5	\$1,000	
Masonry: Limestone	5%			LIFE	* *	5	\$1,000	
Metal Sect. OHD	10%			2032	* *	5	\$8,300	
Windows								
Aluminum	85%	0-2	\$15,100	2035	* *	5	\$900	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10% Location: Throughout							
	Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%							
	Location: Throughout							
	Glazing Bi	_	l, Extent : Mode	rate, Are	ea Affected : 5%			
			nt : Light, Area	Affected	: 15%			
		: Throughout		33				
			And/ Or Broken	Insect S	'creens			
Wood		Now	\$1,800	2052	* *	5	\$1,600	
,, oca	_		Extent : Severe,		fected : 100%	J	Ψ1,000	
		: 2nd Floor N		33				
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	\$3,100	
Masonry: Brick	85%	2-4	\$2,600	LIFE	* *	5	\$2,300	
•	Spalling, Extent: Moderate, Area Affected: 5%							
	Location	: Parapet Ne	ar Roof Hatch					
Roof								
Built-Up (BUR)	100%	0-2	\$13,800	2032	* *			
	Blisters, E.	xtent : Light, 1	Area Affected :	10%				
	Location	: Throughout						
	Cracking/0	Crumbling, Ex	tent : Severe, A	rea Affec	rted : 100%			
	Location	: Pitch Pocke	ets At Roof Faile	d				

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13180

Architecture	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
nterior										
Floors	420/ N	#20.000	LIDE	ىك بىك	~	ФО ООО				
Cast in Place Concrete	43% Now	\$28,000	LIFE	* * Cantal . 250/	5	\$9,800				
	Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Throughout Cellar									
	Ponding, Extent : Sev		: 40%							
	Location: Through	out Cellar								
	Uneven Substrate, Extent : Severe, Area Affected : 75% Location : Cellar									
	Other Observation, Extent : Severe, Area Affected : 100% Location : Apparatus Floor									
	Explanation : Apparatus Floor Temporarily Supported With Columns To Support Trucks, Permanent Repair Is Required									
Ceramic Tile	10% 0-2	\$1,000	2030	* *	5	\$500				
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%									
	Location : Kitchen	And Marble Saddle								
Quarry Tile	5%	** -**	2040	**	5	\$800				
Vinyl Tile	40% 2-4 \$3,500 2027 \$35,500 3 \$1,600 Cracking/Crumbling, Extent: Moderate, Area Affected: 10% Location: 2nd Floor At Multiple Locations									
	Worn/Eroded, Extent Location : 2nd Floo	: Moderate, Area		15%						
Wood	2% Now	\$300	2067	* *	5	\$200				
	Other Observation, Extent : Severe, Area Affected : 100%									
	Location : Stair Treads To Basement Are Wood									
	Explanation : Repla	ce With Non-slip S	Steel Per (Original						
Interior Walls	250/		2026	* *	-	¢7,000				
Ceramic Tile	35%	\$42.800	2036	* *	5	\$7,900				
Masonry: Brick	25% 0-2 \$43,800 LIFE ** Worn/Eroded, Extent : Moderate, Area Affected : 40%									
	Location: Cellar Street Front									
Plaster	40% Now	\$21,600	LIFE	* *	5	\$2,700				
Plaster	Horizontal Cracks, Extent: Moderate, Area Affected: 10% Location: Several Locations On The 2nd Floor									
	Paint Peeling, Extent : Moderate, Area Affected : 25% Location : Cellar Stairs									
	Water Penetration, Extent : Severe, Area Affected : 25%									
	Location: 2nd Floo	r Gymnasium, Loc	ker Room	, Office And 2nd	Floor Sta	irs				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 827

FIRE DEPARTMENT - 057 ENGINE CO. 294/LADDER CO. 143

Asset #: 13180

Architecture		Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Ceilings										
AcousTileSusp.Lay-In	40%	0-2	\$3,400	2040	* *	5	\$2,100			
	Worn/Eroded, Extent : Moderate, Area Affected : 75%									
	Location	: Kitchen								
Exposed Concrete	60%	0-2	\$120,800	LIFE	* *	5	\$1,000			
	Loose/Delam Surface, Extent : Moderate, Area Affected : 25%									
	Location : Throughout Cellar									
	Other Observation, Extent : Severe, Area Affected : 100%									
	Location : Cellar Below Apparatus Floor									
	Explanation : Temporarily Shored By Steel Columns For Support, Future Repair/ Replacement Is Required									
Site Pavements										
Parking/Driveway										
Cast in Place Concrete	100%			2040	* *					

lectrical	Current Repair		Futur	e Replacement	M				
ystem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
nder 600 Volts									
Service Equipment									
Molded Case Bkrs	100% 4+	\$2,400	2037	* *	5	\$100			
	Enclosure Corroded, Ex	tent : Moderate,	Area Af	fected : 100%					
	Location: Basement								
	Other Observation, Exte	nt : Light, Area	Affected	: 100%					
	Location: Basement								
	Explanation: Rating N	ot Visible							
Raceway									
Conduit	100%		2027	\$31,300	1				
Panelboards									
Molded Case Bkrs	100% 4+	\$3,800	2035	* *	5	\$100			
	Enclosure Corroded, Ex	tent : Moderate,	Area Af	fected : 100%					
	Location : Basement A	nd 1st Floor							
Wiring									
Braided Cloth	20% 4+	\$5,500	2052	* *	1				
	Insulation Aged, Extent : Location : Throughout		a Affecte	d : 100%					
Thermoplastic	80%		2037	* *	1				
Motor Controllers									
Locally Mounted	100%		2032	* *	5				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: 1st Floor								
	Explanation: Motor C	ontrollers For 2	Overhed	ad Doors					
round									
Grounding Devices									
Not Accessible	100%								

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13180

Electrical	Current Repair	Future Repla	cement	Maintenance							
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority					
Lighting											
Interior Lighting											
Fluorescent	90%		\$17,000	10	\$5,800						
	Motion Sensors in Use, Extent: Light, Area Affected: 100%										
	_	Location : Throughout T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%									
	Location: Throughout										
Incandescent	10%	2022	\$4,500	2							
Egress Lighting	1070	2022	ψ4,500								
Emergency, Service	30%	2027	\$1,000	1							
<i>5 3</i> ,	Other Observation, Extent: Light, Area Affected: 100% Location: 2nd Floor										
	Explanation : Service Type Emergency	Light Observed									
Exit, Service	40% Now \$200 Not in Service, Extent: Severe, Area Aff Location: 1st Floor	2027 Tected : 100%	\$300	1							
No Component	30%										
Exterior Lighting											
HID	100% 4+ \$5,300		\$26,300								
	Outdr Lights On During Daytime, Exten Location : Red Lights On Front Facad		ea Affected	d : 20%							
Alarm											
Security System											
No Component	90%	2022	Φ2 100	4	#200						
Generic	10% Other Observation, Extent : Light, Area	2022	\$2,100	1	\$300						
	Location : Front Facade	Affectea : 100%									
	Explanation : Camera Observed										
Fire/Smoke Detection	7										
No Component	95%										
Generic, Analog	5% Now \$1,800	2027	\$3,600	1-3	\$200						
	Devices Missing, Extent : Severe, Area Affected : 50% Location : Basement										
	Local/Battery Operated Detect, Extent: Location: Basement And 2nd Floor	Light, Area Affe	cted : 65%	ó							

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Energy Source									
Natural Gas	40%			2053	* *	1			
Natural Gas	60%	0-2	\$500	2057	* *	1			
	Corroded,	Extent : Severe,	Area Affecte	d: 100%	•				
	Location	: Cellar Mechai	nical Room						
Conversion Equipment									
Steam Boiler	100%			2040	* *	1	\$6,900		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13180

Mechanical		Current Repair		Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•							
Distribution								
Central Plant Steam	90%			2047	* *	4	\$500	
Piping/Pmp								
Central Plant Steam	10%	0-2	\$11,000	2057	* *	4		
Piping/Pmp	Connoded	Extent . Co	wara Arag Affaata	J . 1000/	,			
			vere, Area Affecte echanical Room	a : 100%)			
Ti1 Di	Locuiton	. Cellar M	еспанісаі Коот					
Terminal Devices Convector/Radiator	95%			2040	* *	1	\$2,100	
Unit Heater - Steam	93% 5%			2040	* *	1 4	\$2,100	
Ollit Heater - Steam		ervation F	xtent : Light, Area			4		
		: Apparatu	_	Ајјестеи	. 570			
		ion : 1 Uni						
Air Conditioning	Ехрини	ion . 1 Oni	i Heuler					
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment	10070			20.0				
Window/Wall Unit	100%			2022	\$13,600	1		
Ventilation					+ - 7 1			
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$1,600	
No Component	60%							
Exhaust Fans								
Interior	60%			2027	\$13,900	2	\$100	
Roof	40%			2032	* *	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	* *	1		
Water Heater								
Gas Fired	100%			2025	\$4,000	2	\$100	
			xtent : Light, Area	Affected	l : 100%			
			echanical Room					
	Explanat	ion : Two 7	75 Gallon Heaters					
Sanitary Piping	000/			TIPE	ساد بات			
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	1 F · 1		LIFE		1		
	Recent Replace Evident, Extent : Light, Area Affected : 40% Location : Cellar							
Stama Duair Dining	Locuiton	. Cenur						
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Cast IfOII		ervation F	xtent : Moderate, 1			1		
		ervanon, E. : Apparatu		neu Ayje	cu . 7 0/0			
				eriodic S	Stoppage Of Floor	Drains		
Sump Pump(s)	Блрини	ion . I meji	Simers Reported I	crioure D	порриде ој 1 1001 .	LI WIII		
Submersible	100%			2020	\$200	4	\$200	
Sacincision	10070			2020	Ψ200	т	Ψ200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13180

Mechanical		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	95%							
Generic	5%			2032	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	5%			2025	\$100	1-3	\$200	
No Component	95%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 295/LADDER CO. 144

Address : 12-49 149th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.295 / 13181 Yr Built/Renovated : 1913 /

Area Sq Ft : 7,626 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 4505 Lot : 7 BIN : 4102462

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$110,700	\$42,200
Electrical	\$48,800	
Mechanical		\$38,200
Total	\$159,500	\$80,400
Importance Code A	\$110,700	\$42,200
Importance Code B	\$48,800	\$38,200
Total	\$159,500	\$80,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,000	\$1,400		\$5,300
Interior Architecture	\$86,900		\$500	\$4,600
Electrical	\$28,000			
Mechanical	\$9,600	\$1,000	\$5,600	\$1,000
Site Enclosure	\$13,300			
Total	\$162,800	\$2,400	\$6,100	\$10,900
Importance Code A	\$30,600	\$2,200	\$800	\$6,000
Importance Code B	\$97,900	\$300	\$5,300	\$1,200
Importance Code C	\$34,300			\$3,700
Total	\$162,800	\$2,400	\$6,100	\$10,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13181

rchitecture		Current	Repair	Futur	e Replacement	M	aintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Exterior Walls									
Copper/Terne		Now	\$6,500	2058	* *				
		ssing Elen : At Corni	nents, Extent : Mod ice	erate, Ar	ea Affected : 5%				
Masonry: Brick	70%	Now	\$64,400	LIFE	* *	5	\$21,400	1	
		Horizontal Cracks, Extent : Light, Area Affected : 5% Location : 3rd Floor Rear Wall							
		Miss/Erod : Through	d, Extent : Severe, A out	Area Affe	ected : 25%				
			ent : Severe, Area A or Rear Wall And Si			s			
Masonry: Granite	5%			LIFE	* *	5	\$1,100		
Masonry: Limestone	10%			LIFE	* *	5	\$2,300		
Wood Overhead Doors	12%	2-4	\$46,300	2043	* *	5	\$9,200		
			: Moderate, Area A pparatus Bay Doors		: 100%				
Windows									
Aluminum	95%			2045	* *	5	\$2,800		
Aluminum	5%	0-2	\$6,200	2048	* *	5	\$100		
			Extent : Moderate, A atels At Rear 3rd Fl		cted : 100%				
Parapets									
Cast Stone/Terra Cotta	15%			LIFE	* *	5	\$3,000		
Copper/Terne	85%			2067	* *	5	\$10,600		
Roof						_			
Modified Bitumen	73%			2023	\$42,200	10	\$7,300		
Roll Roofing	25%			2019	\$10,200	5	\$4,100		
Skylight, Metal/Glass	2%			2033	* *	10	\$700		

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13181

Architecture	Current Repair		Futur	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors	500/ 4	#26.600	LIEE	* *	-	Ø14.000	
Cast in Place Concrete	50% 4+ Cracking/Crumbling, E.	\$26,600	LIFE		5	\$14,000	
	Location : Apparatus		г, Агеа А <u>ј</u>	jeciea . 10%			
	Other Observation, Exte		a Affecte	d : 40%			
	Location : Basement	50,0.0,11.0					
	Explanation : Tempor	ary Steel Beams	And Coli	umns Shoring Up A	Apparatu	s Room Floor	
	From Basement	•			• •		
Ceramic Tile	5%		2032	* *	5	\$600	
Quarry Tile	5%		2036	* *	5	\$1,000	
Steel Plate	2% Now	\$7,000	LIFE	* *	1		
	Broken/Missing Elemen						
	Location : Stair To Ba	,					
	Corrosion/Rusting, Exte		a Affected	d: 25%			
	Location : Stair To Ba						
Vinyl Tile	38% Now	\$12,400	2031	**	3	\$1,800	
	Broken/Missing Elemen Location: 2nd Floor	ts, Extent : Seve	re, Area I	Affectea : 30%			
	Other Observation, Exte	ont · Light Arag	Affactad	. 750/			
	Location : 2nd Floor	eni . Ligni, Area	Ајјестеи	. 7570			
	Explanation: 9 X 9 Ti	les					
Interior Walls	2.07.0						
Cast in Place Concrete	25% Now	\$13,100	LIFE	* *			
	Spalling, Extent: Severe	e, Area Affected	: 30%				
	Location: Basement						
	Vertical Cracks, Extent	: Moderate, Are	a Affecte	d : 10%			
	Location : Basement						
Ceramic Tile	45%		2032	* *	5	\$7,400	
Plaster	30% Now	\$7,900	LIFE	**	5	\$1,500	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%						
	Location: Basement Stairs						
	Deteriorated Finish, Extent : Severe, Area Affected : 50% Location : Basement Stairs, Locker Room And Lounge On 3rd Floor						
	Paint Peeling, Extent:			-	<i>)01</i>		
	Location: Basement S		изрескей.	. 50/0			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13181

Architecture	Current Rep	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior								
Ceilings	100/ 37	#2 1 00	20.40	ماد ماد	_	# (00		
AcousTileSusp.Lay-In	10% Now Broken/Missing Element Location: 2nd Floor D		2040 re, Area Afj	** fected : 10%	5	\$600		
	Water Penetration, Extent : Severe, Area Affected : 10% Location : Dormitory							
Exposed Concrete	15% Now Cracking/Crumbling, Ex	\$6,200 tent : Severe, A	LIFE rea Affected	* * d : 20%	5	\$300		
	Location: Basement Exposed Reinforcement, Location: Basement	Extent : Severe	, Area Affe	cted : 10%				
Gypsum Board	5%		LIFE	* *	5	\$800		
Plaster	70% Now	\$11,700	LIFE	* *	5	\$5,600		
	Cracking/Crumbling, Extent : Severe, Area Affected : 5% Location : Locker Room							
	Recent Repair Evident, I Location : 2nd Floor L		rea Affecte	d : 5%				
	Water Penetration, Extended Location: 2nd Floor A		a Affected :	10%				
Site Enclosure								
Fence/Gates								
Chain link	100% 0-2 \$13,300 2049 ** Broken/Missing Elements, Extent: Severe, Area Affected: 20% Location: Right Side Of Property Corrosion/Rusting, Extent: Moderate, Area Affected: 100% Location: Left Side Of Property							
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%		2036	* *				
Parking/Driveway Cast in Place Concrete	100%		2036	**				

Electrical	Current Repa	ir Fu	ture Replacement	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Ye		Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% 0-2	\$4,800 20:	53 **	5	

Enclosure Corroded, Extent: Severe, Area Affected: 20% Location: Basement Electrical Service Area Liquid Leakage, Extent: Severe, Area Affected: 20% Location: Basement Electrical Service Area Other Observation, Extent: Light, Area Affected: 100%

Location: Basement Electrical Service Area

Explanation: 200 Amperes Fused Disconnect Switch

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13181

lectrical	Current Repair		Future Replacement		Maintenance		
vstem Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Switchgear / Switchboard	1000/ 0.2	¢40,000	2052	* *	_	¢100	
Molded Case Bkrs	100% 0-2 Enclosure Corroded, E Location: Basement Other Observation, Ext Location: Basement Explanation: Water I	Electrical Servic tent : Moderate, 1 Electrical Servic	e Area Area Affe e Area.		5	\$100	
Raceway							
Conduit	25% Corroded, Extent : Mod Location : Throughou		2033 cted : 100	**	1		
Conduit	75% Other Observation, Ext Location: Throughou Explanation: Norma	ut The Building		* * : 100%	1		
Panelboards							
Molded Case Bkrs	30% 0-2 Enclosure Corroded, E Location : Basement			* * ted : 10%	5		
	Suspect Water Damage Location: Basement			fected : 10%			
Molded Case Bkrs	15% Recent Installation, Ex. Location : 1st Floor	tent : Light, Area	2045 Affected	* *	5		
Molded Case Bkrs	15% Other Observation, Ext Location : 1st Floor	tent : Light, Area	2045 Affected	* *	5		
	Explanation : One Pa	ınel Is Inaccessib	le. No Do	amages Were Obs	erved.		
Molded Case Bkrs	15% Recent Installation, Ex. Location : 2nd Floor		2045 Affected	* * : 100%	5		
Molded Case Bkrs	15% Aged Component, Exte Location: 2nd Floor		2031 Affected :	**	5		
	Other Observation, Ext Location : 2nd Floor Explanation : Trim Is	Bunkroom	Affected	: 100%			
Molded Case Bkrs	10% Other Observation, Ext Location : 3rd Floor	tent : Light, Area	2039 Affected	**: 100%	5		
Wiring	Explanation: Trim Is	Missing					
Thermoplastic	100%		2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13181

Electrical	Current Repair	Future Replacement	M						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts Motor Controllers Locally Mounted	100% Other Observation, Extent : Light, Are Location : 1st Floor - For Roll-up De Explanation : Showing Wear Due To	pors	5	\$100					
Ground									
Grounding Devices Generic	100% 0-2 \$9,500 Other Observation, Extent: Moderate, Location: Basement Electrical Service Explanation: Signs Of Water Damage	ce Area - Water Main	5	\$100					
Stand-by Power									
Batteries Not Accessible	100% Other Observation, Extent : Light, Are Location : Ist Floor - Voice Alarm C Explanation : Showing Wear Due To	ommunication							
Lighting		<u> </u>							
Interior Lighting Fluorescent	55% T-12 Lamps And Fixtures, Extent : Lig Location : Basement, 2nd And 3rd Fl		10	\$3,800					
Fluorescent	5% 0-2 \$1,000 Inadequate Lighting Level, Extent : Mo Location : Basement	-	%						
	T-12 Lamps And Fixtures, Extent: Lig Location: Basement	ht, Area Affected : 100%							
Fluorescent	30% T-8 Lamps And Fixtures, Extent: Ligh Location: 1st And 2nd Floor	2023 \$6,200 t, Area Affected : 100%	10	\$2,100					
Fluorescent	5% 0-2 \$1,000	2033 **							
	Inadequate Lighting Level, Extent : Moderate, Area Affected : 100% Location : 1st Floor								
	T-8 Lamps And Fixtures, Extent : Ligh Location : 1st Floor	t, Area Affected : 100%							
Incandescent	5% Other Observation, Extent: Light, Are Location: 3rd Floor Stair Landing		2	lad In The Cook of					
	Explanation: Box Is Installed, But To And Hanging From The Box By Wire		is instal	ieu in 1 ne Socket					
Exterior Lighting Incandescent	100% Other Observation, Extent : Light, Are Location : Roof Explanation : Controlled By Local P.	2023 \$24,400 a Affected : 100%	2						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13181

Mechanical	Current Repa	ir Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2043	* *	1			
Conversion Equipment			at at				
Steam Boiler	100%	2036	* *	1	\$7,600		
Distribution	1000/	2022	* *	4	0.400		
Central Plant Steam	100%	2033	* *	4	\$400		
Piping/Pmp							
Terminal Devices	1000/	2020	¢20 200	1	¢2.500		
Convector/Radiator	100%	2028	\$38,200	1	\$2,500		
Air Conditioning							
Energy Source Electricity	100%	2039	* *	1			
	10070	2039		1			
Conversion Equipment Window/Wall Unit	50%	2019	\$7,400	1			
No Component	50%	2019	\$7,400	1			
Ventilation	3070						
Distribution							
Ductwork/Diffusers	5%	LIFE	* *	2-5	\$200		
Buetwork Birrasers	Other Observation, Exten		: 100%	2 5	Ψ200		
	Location : 1st Floor	0 / 3/					
	Explanation : Kitchen E.	xhaust					
No Component	95%						
Exhaust Fans							
Roof	5%	2023	\$600	2			
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Roof						
	Explanation: Kitchen E.	xhaust					
Wall Unit	10%	2019	\$300	2			
No Component	85%						
Plumbing							
H/C Water Piping							
Brass/Copper	10%	2043	* *	1			
Galvanized Steel	90% Now	\$600 2028	\$28,200	1			
	Corroded, Extent: Light,						
	Location : Some Equipm	ent Around Meter					
Water Heater							
Gas Fired	100%	2021	\$4,300	2	\$100		
	Other Observation, Extend	t : Light, Area Affected	: 100%				
	Location: Basement						
	Explanation: 2 Units / 7	'4 Gallons					
Sanitary Piping	1000/						
Cast Iron	100%	LIFE	**	1			
	Recent Replace Evident, E	xtent : Light, Area Aff	ected : 100%				
	Location : Basement						
Storm Drain Piping	1000/		ale de				
Cast Iron	100%	LIFE	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 295/LADDER CO. 144

Asset #: 13181

Mechanical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Exter	ıt : Light, Area Affected	: 100%			
	Location: Basement					
<u> </u>	Explanation : Serves Bo	oiler				
Fixtures		_		•		
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 839

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 297/LADDER CO. 130

Address : 119-11 14th ROAD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,676 Project Type : FIRE DEPARTMENT

Date of Survey : 08-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4054 Lot : 17 BIN : 4098032

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$93,400	\$108,200
Interior Architecture		\$133,200
Electrical		\$48,800
Total	\$93,400	\$290,200
Importance Code A	\$93,400	\$108,200
Importance Code B		\$83,800
Importance Code C		\$98,200
Total	\$93,400	\$290,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,500			
Interior Architecture	\$41,300		\$1,800	\$700
Electrical	\$9,800		\$14,400	
Mechanical	\$6,700	\$700	\$4,100	\$700
Site Enclosure	\$1,000			
Site Pavements	\$3,600			
Total	\$63,800	\$700	\$20,400	\$1,500
Importance Code A	\$2,100	\$600	\$600	\$600
Importance Code B	\$58,200	\$200	\$18,000	\$900
Importance Code C	\$3,600		\$1,800	
Total	\$63,800	\$700	\$20,400	\$1,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13183

chitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls								
Masonry: Brick	Cracking/ Location	: Chimney	\$93,400 Extent : Moderate l, Extent : Moderat			5	\$15,500	
		: Through		e, Area A	Ajjeciea . 25%			
Masonry: Granite	2%			LIFE	* *	5	\$300	
Masonry: Limestone	5%			LIFE	* *	5	\$700 \$700	
Wood Overhead Doors	10%			2028	\$59,000	5	\$9,300	
Windows	1070			2028	\$39,000		\$9,500	
Aluminum	100%			2048	* *	5	\$1,900	
	Recent Re	place Evide : Through	ent, Extent : Light, out		ected : 100%	J	Ψ1,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$2,300	
Masonry: Limestone	10%			LIFE	* *	5	\$300	
Slate	5%	Now	\$1,500	LIFE	* *	5	\$100	
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 10%			
	Location	: Coping						
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 25%			
	Location	: Coping						
Roof								
Modified Bitumen	100%			2023	\$49,200	10	\$8,500	
erior								
Floors			*			_		
Cast in Place Concrete			\$14,300 Extent : Severe, A	LIFE rea Affec	* * eted : 10%	5	\$10,000	
		: Apparati	ıs Floor					
	Deflection Location	Evident, E : Apparati	us Floor xtent : Light, Area us Floor		: 10%			
	Deflection Location Water Pen Location	Evident, E : Apparati etration, E : Basemen	is Floor xtent : Light, Area is Floor xtent : Severe, Area t	a Affecte	: 10% d : 10%			
	Deflection Location Water Pen Location Other Obs	Evident, E : Apparate etration, E : Basemen ervation, E : Basemen	is Floor xtent : Light, Area is Floor xtent : Severe, Area t xtent : Severe, Area t	a Affecte a Affecte	: 10% d : 10% d : 70%			
	Deflection Location Water Pen Location Other Obs	Evident, E : Apparate etration, E : Basemen ervation, E : Basemen	is Floor xtent : Light, Area is Floor xtent : Severe, Area t xtent : Severe, Area t	a Affecte a Affecte	: 10% d : 10%	Coom Flo	or From Basement	
Ceramic Tile	Deflection Location Water Pen Location Other Obs Location Explana	Evident, E : Apparate etration, E : Basemen ervation, E : Basemen	is Floor xtent : Light, Area is Floor xtent : Severe, Area t xtent : Severe, Area t	a Affecte a Affecte	: 10% d : 10% d : 70%	Room Flo	or From Basement \$500	
Ceramic Tile Vinyl Tile	Deflection Location Water Per Location Other Obs Location Explana Below	Evident, E : Apparate etration, E : Basemen ervation, E : Basemen	is Floor xtent : Light, Area is Floor xtent : Severe, Area t xtent : Severe, Area t	a Affecte a Affecte ns Shorii	: 10% d : 10% d : 70% ng Up Apparatus R			
	Deflection Location Water Pen Location Other Obs Location Explana Below 5% 45%	Evident, E : Apparati etration, E : Basement ervation, E : Basement tion: Steel	is Floor xtent : Light, Area is Floor xtent : Severe, Area t xtent : Severe, Area t	a Affecte a Affecte ns Shorin 2032 2028	: 10% d : 10% d : 70% ng Up Apparatus R ** \$35,000	5	\$500	
	Deflection Location Water Pen Location Other Obs Location Explana Below 5% 45% Worn/Eroc	Evident, E : Apparati etration, E : Basemen ervation, E : Basemen tion : Steel	us Floor extent : Light, Area us Floor extent : Severe, Area t extent : Severe, Area t Beams And Colum	a Affecte a Affecte ns Shorin 2032 2028 ected: 33	: 10% d: 10% d: 70% ng Up Apparatus R ** \$35,000	5	\$500	
	Deflection Location Water Pen Location Other Obs Location Explana Below 5% 45% Worn/Eroc	Evident, E : Apparati etration, E : Basemen ervation, E : Basemen tion : Steel	as Floor xtent : Light, Area us Floor xtent : Severe, Area t txtent : Severe, Area t Beams And Colum : Severe, Area Affa	a Affecte a Affecte ns Shorin 2032 2028 ected: 33	: 10% d: 10% d: 70% ng Up Apparatus R ** \$35,000	5	\$500	
Vinyl Tile	Deflection Location Water Pen Location Other Obs Location Explana Below 5% 45% Worn/Eroc	Evident, E : Apparati etration, E : Basemen ervation, E : Basemen tion : Steel	as Floor xtent : Light, Area us Floor xtent : Severe, Area t txtent : Severe, Area t Beams And Colum : Severe, Area Affa	a Affecte a Affecte ns Shorin 2032 2028 ected: 33	: 10% d: 10% d: 70% ng Up Apparatus R ** \$35,000	5	\$500	
Vinyl Tile Interior Walls	Deflection Location Water Per Location Other Obs Location Explana Below 5% 45% Worn/Eroc Location	Evident, E : Apparati etration, E : Basemen ervation, E : Basemen tion : Steel	as Floor xtent : Light, Area us Floor xtent : Severe, Area t txtent : Severe, Area t Beams And Colum : Severe, Area Affa	a Affecte a Affecte ns Shorin 2032 2028 ected: 33	: 10% d: 10% d: 70% ng Up Apparatus R ** \$35,000	5	\$500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13183

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Ceilings	200/	NT.	Φ 2 (5 0 0	LIPP	* *	_	Ф 400			
Exposed Concrete		Now	\$26,500	LIFE		5	\$400			
	_	Cracking/Crumbling, Extent : Severe, Area Affected : 10% Location : Basement								
	Exposed F	Reinforceme	nt, Extent : Severe	, Area A	ffected : 20%					
	-	: Basemen			v					
	Water Per	etration, E.	xtent : Severe, Are	a Affecte	d : 10%					
		: Basemen								
Plaster	70%			LIFE	* *	5	\$4,000			
Site Enclosure										
Fence/Gates										
Chain link	100%			2033	* *					
Retaining Walls										
Cast in Place Concrete		Now	\$1,000	2067	* *					
	Cracking/Crumbling, Extent : Severe, Area Affected : 25% Location : Throughout									
	Loose/Del	am Surface	, Extent : Severe, A	Area Affe	cted : 20%					
	Location	: Through	out							
	Misaligne	d/Bulging, I	Extent : Severe, Ar	ea Affect	ted : 30%					
	Location	: Through	out							
Site Pavements										
On-Site Walkways	4000/			• • • •	044.000					
Cast in Place Concrete	100%			2028	\$11,200					
Parking/Driveway Cast in Place Concrete	1000/	Now	\$2,600	2040	* *					
Cast in Place Concrete			\$3,600 ent : Severe, Area							
					. 1070					
	Location	: Drīvewa	y In Front Of Door	rs						

Electrical	Current Repair	Future Replacement	Maintenance
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs) Priori
Inder 600 Volts			
Service Equipment			
Fused Disc Sw	100%	2043 **	5
	Other Observation, Extent: Moderate,	Area Affected : 100%	
	Location: Basement		
	Explanation : Main Service Switch Re	uted @ 200 Amperes	
Switchgear / Switchboard			
Fused Disc Sw	100%	2023 \$48,800	5
Raceway			
Conduit	50%	2033 **	1
Conduit	50%	2023 \$15,600	1

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13183

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards	000/	•	di di	_	4400	
Molded Case Bkrs	80%	2031	* *	5	\$100	
Molded Case Bkrs	20% 2-4 \$7,7		* *	5		
	Enclosure Corroded, Extent : Mod	lerate, Area Aff	ected: 100%			
 	Location : Basement					
Wiring	1000/	2022	* *			
Thermoplastic	100%	2033	* *	1		
Motor Controllers	1000/	2021	014400	-		
Locally Mounted	100%	2021	\$14,400	5		
Ground						
Grounding Devices	1000/	2020	#0.500	_	#200	
Metal Water Pipe	100%	2028	\$9,500	5	\$200	
Lighting						
Interior Lighting Fluorescent	90%	2022	¢12 000	10	¢4.700	
Fluorescent	, , , ,	2023	\$13,800	10	\$4,700	
	Other Observation, Extent : Moder Location : Throughout The Build		ciea : 100%			
	<u> </u>	ing				
T-1	Explanation: T-8 Lamps	2010	4000	1.0	Φ200	
Fluorescent	5%	2019	\$800	10	\$300	
	Other Observation, Extent : Moder	rate, Area Affec	cted: 100%			
	Location : Basement					
	Explanation: T-12 Lamps					
Fluorescent	5%	2019	\$800	10	\$300	
	Other Observation, Extent: Moder	rate, Area Affeo	cted : 100%			
	Location : Toilets					
	Explanation : Compact Fluoresc	ent Lamps				
Exterior Lighting						
HID	100%	2023	\$21,400	10		

Mechanical	Current Repair	Future Re	olacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$5,600	
	Other Observation, Extent : Ligh	t, Area Affected : 100	0%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$28,400	1	\$1,800	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13183

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated C (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2031	* *	1		
Conversion Equipment							
Window/Wall Unit	50%		2019	\$5,500	1		
No Component	50%						
Ventilation							
Exhaust Fans							
Roof	10%		2023	\$900	2		
Wall Unit	20%		2023	\$400	2		
No Component	70%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Gas Fired	100%	Now \$20	00 2021	\$3,200	2	\$100	
	Other Obse	ervation, Extent : Severe,	Area Affecte	d: 100%			
	Location	: Basement					
	Explanat	ion : Flue Pipe Disconne	cted From C	himney, (1) 74 Ga	llon Unit	:	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - FY 2018 Print Date: 13-Oct-2017

Asset Name : ENGINE CO. 298/LADDER CO. 127 BATTALION 50

Address : 153-11 HILLSIDE AVENUE

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.298 / 13184 Yr Built/Renovated : 1965 / 2007

Area Sq Ft : 7,937 **Project Type** : FIRE DEPARTMENT

Date of Survey : 22-Mar-2012 **Landmark Status** : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 9706 Lot : 66 BIN : 4207481

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$117,500	\$67,500
Interior Architecture		\$38,800
Electrical		\$48,800
Total	\$117,500	\$155,000
Importance Code A	\$117,500	\$67,500
Importance Code B		\$87,500
Total	\$117,500	\$155,000

Total	\$117,400	\$2,300	\$23,800	\$21,100
Importance Code C	\$6,100			\$900
Importance Code B	\$74,500	\$2,000	\$3,900	\$19,800
Importance Code A	\$36,800	\$400	\$19,900	\$400
Total	\$117,400	\$2,300	\$23,800	\$21,100
Site Pavements	\$4,600			
Site Enclosure	\$15,500			
Mechanical	\$22,000	\$1,000	\$1,700	\$7,000
Electrical	\$21,000	\$1,400	\$1,500	\$12,600
Interior Architecture	\$17,900		\$1,100	\$1,500
Exterior Architecture	\$36,400		\$19,500	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13184

Architecture	Current Repair			Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls	000/	0.0	#22 000		ماد ماد	_	ф1. 7.2 00		
Masonry: Brick	80%	0-2	\$22,900	LIFE	**	5	\$15,200		
		_	xtent : Moderate, A rick Relieving Ang		ctea : /5%				
			rick Keileving Ang ent : Moderate, Ai		tad · 25%				
	_		eni . Moderdie, Ar At Multiple Locatio						
N . 1D . 1		. Isolalea .	ні типріє Босин		* *	7.10	Φ12 100		
Metal Panel	10%	r		2043		5-10	\$13,100		
			xtent : Moderate, 1	Area Affe	ctea : 5%				
		: Station S		~					
M + 1C + OHD		on : signa	ge Is Deteriorating		* *	-	Φ7.000		
Metal Sect. OHD	10%			2036		5	\$5,900		
Windows Aluminum	100%	Now	\$117,500	2048	* *	5	\$1,400		
Alummum			\$117,300 g, Extent : Severe,			3	\$1,400		
		: Through		л <i>геи А</i> јј	eciea . 5070				
				a Affecte	d · 100%				
		Other Observation, Extent : Severe, Area Affected : 100% Location : Throughout							
			ows Are Original, .	More The	an 50 Years Old.				
Parapets	<i>q</i>								
Metal Rail	100%			2036	* *	5-10	\$42,100		
Roof							•		
Modified Bitumen	100%	Now	\$13,500	2023	\$67,500				
	Alligatorin	g, Extent :	Severe, Area Affec	ted : 100)%				
	Location	: Through	out						
Interior									
Floors					ماد ماد	_	0.1.2.000		
Cast in Place Concrete	50%			LIFE	* *	5	\$13,900		
Ceramic Tile	7%			2036	* *	5	\$900		
Quarry Tile	7%	0.2	#2 000	2036		5	\$1,300		
Vinyl Tile	36%	0-2	\$3,900	2028	\$38,800	3	\$1,700		
			Extent : Moderate						
			Office And Several						
		ea, Exieni : House W	: Severe, Area Affa Tatab	eciea : 50	<i>)</i> 70				
I., 4.,	Locuiton	. 110use w	шен						
Interior Walls Cast in Place Concrete	10%			LIFE	* *				
Cast ill Flace Colletete Ceramic Tile	10%			2032	**	5	\$1,800		
Concrete Masonry Unit				LIFE	* *	5	\$1,100		
Gypsum Board	15%			LIFE	* *	5	\$1,600		
Plaster	20%	0-2	\$1,400	LIFE	* *	5	\$1,100		
1 145001			xtent : Moderate, A		cted : 100%	5	Ψ1,100		
		: Captain			· · / •				
SGFT/Glazed Masonry	30%	1		LIFE	* *				
501 1/01azeu Masulliy	50/0			LITE					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13184

Architecture		Current I	Repair	Futur	re Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings	100/	0.2	Ф10 2 00	20.42	* *	-	Φ.C.O.O.	
AcousTileSusp.Lay-In	10%	0-2	\$10,200	2043		5	\$600	
		nscotoring, : Kitchen	Extent : Moderate	, Area A	ffectea : 100%			
	Water Pen	etration, E	xtent : Severe, Ared	a Affecte	ed: 10%			
	Location	: Apparati	ıs Room Bathroom					
Exposed Concrete	20%			LIFE	* *	5	\$400	
Plaster	70%	2-4	\$2,300	LIFE	* *	5	\$5,500	
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	ected : 10%			
	Location	: Southeas	st 2nd Floor Office					
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2043	* *			
Retaining Walls	- 00/			• • • • •	de de			
Cast in Place Concrete	50%		4.5.5 00	2058	* *			
Concrete Masonry Unit		Now	\$15,500	2033	**			
		Crumbling, : Multiple	Extent: Severe, A. Locations	rea Affec	cted : 90%			
		-	Extent : Severe, Ar	ea Affeci	ted : 10%			
	Location	: Multiple	Locations					
Site Pavements On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	\$4,600	2036	* *			
			xtent : Moderate, A					
	Location	: At The E	dge Of Sidewalk A	nd Curb	Cut			

lectrical	Current Repair	Future	Replacement	Maintenance			
ystem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2023	\$4,800	5			
	Other Observation, Extent:	Light, Area Affected	: 100%				
	Location : Basement Servi	ce Room					
	Explanation: 400 Ampere	s Main Disconnect Sv	vitch				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2023	\$48,800	5	\$200		
Raceway							
Conduit	90%	2033	* *	1			
Conduit	10%	2043	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13184

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Co (Yrs)	st Priority
Under 600 Volts				
Panelboards				
Fused Disc Sw	10%	2039 **	5	
Fused Disc Sw	10%	2022 \$3,800	5	
Molded Case Bkrs	20%	2022 \$7,700	5	
Molded Case Bkrs	60%	2039 **	5 \$10	0
Wiring Braided Cloth	30% 2-4 \$8,30	00 2048 **	1	
	Insulation Aged, Extent : Moderate, Location : Throughout The Buildin			
Thermoplastic	45%	2033 **	1	
Thermoplastic	20%	2043 **	1	
Under Construction	5%			
Motor Controllers				
Locally Mounted	100%	2028 \$14,400	5 \$10	0
	Other Observation, Extent : Light, A	Area Affected : 100%		
	Location: 1st Floor Garage Door	S		
	Explanation: Motorlzed Door Ope	erators		
Ground				
Grounding Devices				
Generic	30%	LIFE **	5	
Generic	70% 2-4 \$6,70		5 \$10	0
	Other Observation, Extent: Modera	ite, Area Affected : 50%		
	Location: Water Main			
-	Explanation : Corroded			
Stand-by Power				
Transfer Switches				_
Automatic	100%	2040 **	1 \$2,40	0
	Other Observation, Extent: Light, A	Area Affected : 100%		
	Location: Basement Service Area			
	Explanation: Rating Not Visible			
Generators	0.50/	2036 **	1 00.00	0
Diesel	95%	2030	1 \$2,90	0
	Other Observation, Extent: Light, A	Area Affected : 100%		
	Location : Exterior - East Side			
	Explanation : One 81 Kva.			
Diesel	5% 4+ \$3,30		1 \$10	0
	Other Observation, Extent : Modera	ıte, Area Affected : 100%		
	Location: Generator Exhaust			
	Explanation : Growth Of Weeds- I	Possible Blockage		
Batteries	1000/	•	_	
Lead/Acid	100%	2019 \$1,500	5 \$30	Ü

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13184

Electrical	Current Repair	Future	Replacement	ent Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage						
Day Tank	50%	2045	* *	5	\$700	
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Basement					
	Explanation: 60 Gallon Day Tank					
Main Tank	50%	2038	**	5	\$100	
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Basement					
* 1	Explanation: 550 Gallon Main Tank					
Lighting						
Interior Lighting Fluorescent	87%	2028	\$18,700	10	\$6,300	
riuorescent				10	\$0,300	
	T-8 Lamps And Fixtures, Extent: Light Location: Throughout The Building	, Агеа Ајје	eciea . 100%			
Fluorescent	5%	2031	* *	10	\$400	
Tuoreseem	T-8 Lamps And Fixtures, Extent : Light		ected : 100%	10	Ψτου	
	Location: Basement, Laundry Room.					
Incandescent	3%	2023	\$1,500	2		
Under Construction	5%	2023	\$1,500	2		
Egress Lighting	370					
Emergency, Service	50%	2028	\$1,900	1		
Exit, Service	50%	2023	\$400	1		
Exterior Lighting	3070	2023	ψ.ιου	-		
HID	90%	2033	* *	10		
	Obsolete Fixtures, Extent : Light, Area		100%			
	Location : Exterior Throughout					
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Exterior Throughout					
	Explanation: High Pressure Sodium	Bulbs				
Incandescent	10%	2033	* *	2		
	Obsolete Fixtures, Extent : Light, Area	Affected:	100%			
	Location: Downlights In Soffit Above					
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Downlights In Soffit Above	e Garage L	Doors			
	Explanation: Bulb Type Not Visible					
Alarm						
Fire/Smoke Detection						
Generic	100%	2033	* *	1-3	\$4,900	
	Local/Battery Operated Detect, Extent	: Light, Ar	ea Affected : 1009	%		
-	Location : Throughout					

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13184

Mechanical	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source Natural Gas	100%	2040	* *	1			
Natural Gas		2049		1			
	Recent Installation, Extent: Light, Area Location: New Gas Service Recently						
Conversion Equipment							
Hot Water Boiler	100%	2040	* *	1	\$3,900		
	Other Observation, Extent : Light, Area	Affected	l : 100%				
	Location: Basement						
	Explanation: New Gas Fired Circula	ting Hot	Water Boiler Recei	ntly Insta	lled		
Distribution	1000/	2021	* *	4	\$600		
Hot Wtr Piping/Pump	100%	2031		4	\$600		
Terminal Devices Convector/Radiator	70%	2036	* *	1	\$1,800		
Unit Heater - Steam	30%	2030	\$8,000	4	\$300		
Omi Heater - Steam	Other Observation, Extent : Light, Area			4	\$300		
	Location: Engine Bay	rijjecica	. 100/0				
	Explanation: Unit Heaters Serve Eng	ine Bay					
Air Conditioning							
Energy Source							
Electricity	100%	2045	* *	1			
Conversion Equipment							
Reciprocating	20%	2023	\$12,600	1	\$700		
Compr/Chiller							
Window/Wall Unit	55%	2019	\$8,500	1			
No Component	25%						
Distribution Ductwork/Diffusers	200/	LIFE	* *	2	¢2 100		
Ductwork/Diffusers	20% Other Observation, Extent: Light, Area			2	\$2,100		
	Location: Kitchen	Ајјестеи	1. 10/0				
	Explanation: Serves Kitchen Air Con	ditioning	Unit Only				
No Component	80%	unoning	Chii Ohiy				
No Component	Other Observation, Extent : Light, Area	Affected	1 · 0%				
	Location: Throughout	119900104	. 070				
	Explanation: 80 Percent Of Air Cond	itioning .	Is From Window U	nits. No	Ductwork		
Terminal Devices							
Fan Coil - 2 Pipe	20%	2023	\$21,200	1	\$500		
No Component	80%						
Ventilation							
Distribution							
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$900		
No Component	80%						
Exhaust Fans	2.50 /	2022	.	_	***		
Interior	25%	2023	\$6,600	2	\$100		
Interior	25% 0-2 \$6,600	2033	**	2			
	Malfunctioning, Extent: Moderate, Are Location: Apparatus Room, 1 Of 2 D						
D C					#100		
Roof	50%	2023	\$6,200	2	\$100		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13184

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
lumbing				
H/C Water Piping				
Brass/Copper	100%	2043 **	1	
	No Water Meter, Extent : Light, Area A	ffected: 100%		
W II	Location: Basement			
Water Heater Electric	50%	2022 \$3,300	4	
Electric	Other Observation, Extent : Light, Area	-	7	
	Location : Tanks In Basement And Pa			
	Explanation : Four Recently Installed	· ·	rs Powered By New Solar	
	Panels On Roof			
Gas Fired	50%	2022 \$2,300	2 \$100	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: Basement.			
	Explanation : Indirect Water Heater.	Boiler Is Heat Source. Used	d As Back- Up To Solar	
C : D: :	Heating System.			
Sanitary Piping Cast Iron	95%	LIFE **	1	
Cast Iron	5% Now \$2,700	LIFE **	1	
Cast Iron	Blockage /Clogged, Extent : Severe, Ar		1	
	Location: Basement. Sluggish House			
	Leak Evident, Extent : Severe, Area Aff			
	Location: 2nd Floor Janitor Closet.	Leaky Pipe Drain Causing	Water Damage On Ceiling	
	Below.			
Storm Drain Piping	1000/	1100 **		
Cast Iron	100%	LIFE	1	
	Other Observation, Extent : Moderate, Location : Rear Courtyard And Appa			
	Explanation : Firehouse Is At The Ba		Rackuns During Heavy	
	Rains.	se Of Hill And Experiences	Backups During Heavy	
Sump Pump(s)				
Submersible	100%	2019 \$300	4 \$300	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: Basement			
	Explanation : Duel Pumps			
Fixtures	1000/			
Generic	100%			
ire Suppression				
Chemical System Wet	100%	2019 \$2,100	1-3 \$4,600	
VV GL	Other Observation, Extent : Light, Area	. ,	1-3 \$4,000	
	Location : Kitchen	11youru . 100/0		
	Explanation : Over Range			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 851

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 299/LADDER CO. 152

Address : 61-20 UTOPIA PARKWAY

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,920 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6891 Lot : 3 BIN : 4148798

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$154,400	
Interior Architecture		\$37,100
Electrical		\$48,800
Total	\$154,400	\$85,900
Importance Code A	\$154,400	
Importance Code B		\$48,800
Importance Code C		\$37,100
Total	\$154,400	\$85,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,500			
Interior Architecture	\$39,100		\$15,600	\$500
Electrical	\$34,800		\$14,400	\$54,900
Mechanical	\$2,700	\$500	\$3,900	\$12,000
Total	\$99,000	\$500	\$33,900	\$67,500
Importance Code A	\$22,700	\$300	\$300	\$300
Importance Code B	\$63,500	\$200	\$32,900	\$67,200
Importance Code C	\$12,800		\$700	
Total	\$99,000	\$500	\$33,900	\$67,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13185

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	000/	0.2	Φ112 7 00	TIPE		-	Ø10.000	
Masonry: Brick	90%	0-2	\$113,700 d, Extent : Modera	LIFE	Affacted . 250/	5	\$18,900	
			i, Exieni . Modera. out All Facades	ie, Area A	Affectea . 25%			
		_	xtent : Moderate, 1	Area Affe	cted : 10%			
			Locations Through		. 10,0			
Masonry: Limestone	5%			LIFE	* *	5	\$800	
Metal Sect. OHD	5%	0-2	\$3,300	2028	\$32,700	5	\$1,600	
Wear Seen GIIB			Extent : Moderate, 1			J	Ψ1,000	
		: Through						
	Explana	tion : Dent	ed, Paint Peeling A	nd Some	Missing Hardward	e		
Windows								
Aluminum		Now	\$40,700	2045	* *	5	\$1,200	
			ct, Extent : Modero	ate, Area	Affected: 25%			
		: Through			ACC . 1 50/			
		roкеп/Сrас : Rear Wi	ked, Extent : Mode	erate, Are	ea Affectea : 5%			
			raow ent : Moderate, Are	a Affacta	od · 50%			
	-	: Through		и Ајјест	a. 5070			
Parapets								
Masonry: Brick	90%	0-2	\$15,800	LIFE	* *	5	\$2,700	
,	Jnt Morta	r Miss/Ero	l, Extent : Modera		Affected : 15%		. ,	
	Location	: Through	out Interior Face					
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,900	
	Jnt Morta	r Miss/Ero	d, Extent : Modera	te, Area A	Affected : 10%			
		_	out Coping					
			Extent : Moderate, I	Area Affe	ected : 10%			
		_	out Coping					
D C	Explana	tion : Stain	ing/discologring					
Roof Single Ply Membrane	100%	Now	\$3,400	2028	\$33,900			
Single 1 by Memorane			400 as,400 derate, Area Affect					
		: Through	. 55	cu . 1070				
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$10,700	
Ceramic Tile	5%			2019	\$9,500	5	\$500	
Quarry Tile	5%		<u>.</u>	2021	\$14,000	5	\$700	
Vinyl Tile	40%	0-2	\$16,600	2028	\$33,200	3	\$1,500	
		_	ents, Extent : Mod	erate, Ar	ea Affected : 50%			
			2nd Floors	Anna Afr	natad . 50/			
	-		Extent : Moderate, 1 rner Of Bunkroom	area Affe	cciea : 5%			
	Locuiton	. Duck Co	mer Oj bunkroom					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13185

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	15%	0-2	\$12,800	LIFE	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area Ą	ffected : 10%			
	Location	: Through	out Basement					
Ceramic Tile	10%			2026	\$37,100	5	\$1,300	
Gypsum Board	5%			LIFE	* *	5	\$400	
Metal Panel	5%			LIFE	* *			
		place Evide	ent, Extent : Light,	Area Aff	ected : 100%			
	Location	: Kitchen,	2012	00				
Plaster	40%			LIFE	* *	5	\$1,600	
SGFT/Glazed Masonry	25%			LIFE	* *		. ,	
•	Jnt Morta	r Miss/Ero	d, Extent : Moderat	e, Area	Affected : 10%			
	Location	: Through	out Garage Area					
Ceilings								
AcousTileSusp.Lay-In	10%			2036	* *	5	\$1,000	
1 7	Recent Re	place Evide	ent, Extent : Light,	Area Aff	ected : 15%			
	Location	: Kitchen		33				
	Staining/L	iscoloring	, Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Tv Room	ı, Gymnasium	55				
Plaster	90%			LIFE	* *	5	\$5,500	

ectrical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$4,800	5	\$200	
	Other Observation, Extent : M	loderate, Area Affec	ted : 100%			
	Location: Basement					
	Explanation: One 400 Ampe	eres Main Disconne	ct Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$48,800	5	\$200	
Raceway						
Conduit	90%	2023	\$28,200	1		
Conduit	10%	2043	* *	1		
Panelboards						
Fused Disc Sw	10%	2022	\$3,800	5		
Fused Disc Sw	5%	2039	* *	5		
Molded Case Bkrs	75%	2022	\$28,900	5	\$100	
Molded Case Bkrs	10%	2039	* *	5		
Wiring						
Braided Cloth	80%	2022	\$22,200	1		
Thermoplastic	10%	2043	* *	1		
Thermoplastic	10%	2023	\$2,800	1		
Motor Controllers			· /			
Locally Mounted	100%	2021	\$14,400	5		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13185

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
Lighting							
Interior Lighting							
Fluorescent	70%	2019	\$11,200	10	\$3,800		
	Other Observation, Extent	: Moderate, Area Af	fected : 100%				
	Location: Throughout						
	Explanation: T-12 Lamp	S					
Fluorescent	30%	2028	\$4,800	10	\$1,600		
	Other Observation, Extent	: Moderate, Area Af	fected : 100%				
	Location: Throughout						
	Explanation: T-8 Lamps						
Exterior Lighting							
HID	25%	2019	\$5,600	10			
Incandescent	75% Now	\$14,200 2033	* *	2			
	Not in Service, Extent : Sev	vere, Area Affected :	100%				
	Location: Back And Side	of The Building					

Mechanical	Current Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$2,900	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2039	* *	4	\$400	
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$1,900	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2022	\$11,500	1		
Ventilation						
Exhaust Fans						
Interior	100% Now	\$2,000 2028	\$19,700	2	\$100	
	Broken, Extent : Moderat	e, Area Affected : 15%				
	Location: Bathrooms A	nd 1st Floor				
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13185

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	red Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2021	\$3,400	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2023	\$800	4	\$200	
	Other Observation, Extent: Se	evere, Area Affected : 5	50%			
	Location : Cellar					
	Explanation : Pump Running	Constantly Due To Gr	round Water O	r Other	Source	
Fixtures						
Generic	100%					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 3/LADDER 12/ BATTALION 7

Address : 152 WEST 19th STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.003 / 13002 Yr Built/Renovated : 1967 /

Area Sq Ft : 8,772 Project Type : FIRE DEPARTMENT

Date of Survey : 30-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 794 Lot : 64 BIN : 1014723

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$138,400	
Electrical		\$26,900
Total	\$138,400	\$26,900
Importance Code A	\$138,400	
Importance Code B		\$26,900
Total	\$138,400	\$26,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,400	\$6,800		
Interior Architecture	\$6,200	\$400	\$300	\$700
Electrical	\$17,800	\$1,400	\$2,900	\$8,800
Mechanical	\$8,400	\$700	\$1,400	\$18,600
Total	\$53,800	\$9,300	\$4,500	\$28,100
Importance Code A	\$21,800	\$7,300	\$400	\$500
Importance Code B	\$31,900	\$2,100	\$4,100	\$27,600
Importance Code C				
Total	\$53,800	\$9,300	\$4,500	\$28,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13002

Architecture	Current Re	pair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls Glazed Ceramic Panel	30% 2-4 Jnt Mortar Miss/Erod, Location: Throughou		LIFE e, Area Ą	* * ffected : 50%	5	\$26,400	
Masonry: Brick	60% 2-4 Jnt Mortar Miss/Erod, A Location: Chimney A	\$6,800 Extent : Light, A		* * red : 10%	5	\$11,300	
Wood Overhead Doors	10% Recent Replace Evident Location : Replaced V	_			5	\$9,400	
Windows							
Aluminum	100% Now Air Infiltration, Extent. Location: Throughou Broken/Missing Elemen	t			5	\$900	
	Location: Throughou Ctrwt/Balnc Not Funct, Location: Throughou	t Extent : Moderc					
	Hardware Missing, Ext Location: Throughou	ent : Light, Area	Affected	: 15%			
	Other Observation, Ext Location : Throughou Explanation : Therma	t	a Affected	d : 100%			
Parapets							
Glazed Ceramic Panel	10% Now Jnt Mortar Miss/Erod, 1 Location: Front Face	ıde		* * ffected : 25%	5	\$600	
	Worn/Eroded, Extent: Location: Front Of B		eted : 5%				
Masonry: Brick	70% 2-4 Vertical Cracks, Extent Location: Front Of B		LIFE fected : 25	* *	5	\$3,100	
Metal Rail	10%		2040	* *	5-10	\$8,000	
Metal: Cage/Fence	10%		2040	* *	5-10	\$3,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13002

Architecture	Current Repair		Future Replacement		M					
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior										
Roof										
Built-Up (BUR)	100%	0-2	\$67,000	2037	* *					
			nt : Moderate, Are	a Affecte	ed : 30%					
	Location :		·							
	Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 100% Location : Throughout									
	Miss/Dama	ged Flash	ings, Extent : Mod	erate, Ar	ea Affected : 50%					
	Location :	Cap Flas	thing Throughout							
	Vegetation Growth, Extent: Moderate, Area Affected: 20%									
	Location :		=							
			xtent : Moderate, A							
			khead, And Variou			Lower R	oofs			
			: Moderate, Area	Affected	: 15%					
	Location :	Through	out							
nterior										
Floors	2.50/				ע ע	_	#0.000			
Cast in Place Concrete	35%			LIFE	**	5	\$8,800			
Ceramic Tile	5% 5%			2036	* *	5	\$600			
Quarry Tile		sina Flom	ents, Extent : Ligh	2040		5	\$900			
	Location:	-	enis, Exieni . Lign	, Area A	jjeciea . 176					
Terrazzo	5%			LIFE	* *	5	\$500			
Vinyl Tile	5%	Now	\$100	2032	* *	3	\$200			
	Broken/Mis Location:	_	ents, Extent : Ligh · Office	, Area A	ffected : 1%					
Vinyl Tile 9" X 9"	45%		\$5,700	2032	* *	3	\$1,900			
,	Broken/Missing Elements, Extent: Moderate, Area Affected: 15% Location: Throughout									
	Worn/Eroded, Extent: Moderate, Area Affected: 100%									
	Location :			255 00100	. 100,0					
Interior Walls										
Concrete Masonry Unit	20%			LIFE	* *	5	\$1,200			
Plaster	50%			LIFE	* *	5	\$2,300			
SGFT/Glazed Masonry	30%			LIFE	* *					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13002

Architecture		Current Rep	air	Futur	e Replacement	M	aintenance			
System Component Type		Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Ceilings										
AcousTileSusp.Lay-In		Now	\$100	2040	* *	5	\$300			
	Water Pener Location :		ıt : Light, Area	Affected	: 5%					
Exposed Concrete	85%			LIFE	* *	5	\$1,500			
1	Paint Peelin	Paint Peeling, Extent: Light, Area Affected: 20%								
	Location: 2nd Floor Bathroom, Bunk Rooms And Basement									
	Spalling, Ex	tent : Moder	ate, Area Affect	ted : 2%						
	Location:	Basement								
	Water Pene	tration, Exter	nt : Light, Area	Affected	: 15%					
	Location:	Stair Bulkhe	ead And 2nd Flo	or Bunk	Room					
Plaster	10%	Now	\$300	LIFE	* *	5	\$700			
	Water Pener	tration, Exter	nt : Light, Area	Affected	: 1%					
	Location:	1st Floor Of	fice Area							
Site Enclosure										
Fence/Gates										
Chain link	100%			2047	* *					
Site Pavements										
On-Site Walkways										
Cast in Place Concrete	100%			2040	* *					
Parking/Driveway										
Cast in Place Concrete	100%			2040	* *					

ectrical	Cui	rrent Repair	Futur	e Replacement	М	aintenance	
stem Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ler 600 Volts							
Service Equipment							
Fused Disc Sw	75%		2027	\$3,600	5		
	Other Observa	tion, Extent : Light, Area	Affected	: 100%			
	Location : Ba	sement Service Area.					
	Explanation:	400 Amperes mp Fused	Disconn	ect Switch.			
Fused Disc Sw	25%		2047	* *	5		
Raceway							
Conduit	80%		2047	* *	1		
Conduit	20%		2047	* *	1		
Panelboards							
Molded Case Bkrs	70%		2026	\$26,900	5	\$200	
Molded Case Bkrs	30%		2049	* *	5	\$100	
Wiring							
Braided Cloth	60% 2-	-4 \$16,600	2052	* *	1		
	Insulation Aged	d, Extent : Moderate, Are	a Affecte	ed: 100%			
	Location: 1st	t Floor Monitoring Static	on				
Thermoplastic	40%		2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13002

Electrical	Current Repair	Future Re	placement	M	aintenance				
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Inder 600 Volts									
Motor Controllers									
Locally Mounted	100%	2032	* *	5	\$100				
Ground									
Grounding Devices	1000/	LIDE	* *	_	0100				
Generic	100%	LIFE	* *	5	\$100				
tand-by Power									
Transfer Switches Automatic	100%	2040	* *	1	\$2,700				
Automatic	Other Observation, Extent : Light, A		00%	1	\$2,700				
	Location : Basement Service Area	irea rijjeeiea . 10	070						
		Explanation: 200 Amperes Transfer Switch.							
Generators	ziip teitteit (200 i iii peres i i tiits)	<u> </u>							
Diesel	100%	2036	* *	1	\$3,400				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Exterior Lower Roof								
	Explanation: 80 Kva, 3 Phase, 20	8/120 V							
Batteries									
Lead/Acid	100%	2021	\$1,500	5	\$300				
Fuel Storage									
Day Tank	10%	2043	* *	5	\$200				
	Other Observation, Extent : Light, A								
	Location: Exterior Lower Roof In	_	rator						
	Explanation: 60 Gallon Sub-Base								
Main Tank	90% Other Observation, Extent : Light, A Location : Basement	2055 Area Affected : 10	**	5	\$200				
	Explanation: 550 Gallon Diesel Fuel Oil Tank For Trucks								
ighting									
Interior Lighting									
Fluorescent	95%	2032	* *	10	\$7,600				
	T-8 Lamps And Fixtures, Extent : Li Location : Throughout	ght, Area Affecte	d : 100%						
Incandescent	5%	2027	\$2,800	2					
	Other Observation, Extent: Light, A	rea Affected : 10							
	Location: T. V. Room								
	Explanation: Downlights								
Egress Lighting									
Exit, Service	100%	2027	\$1,000	1					
Exterior Lighting									
HID	98% 4+	2027	\$400						
	Not in Service, Extent: Light, Area	Affected: 100%							
	Location: Facade								
	Outdr Lights On During Daytime, E Location : Front Of Building	xtent : Light, Are	a Affected : 10)0%					
Incandescent	2%	2027	\$600	2					

Alarm

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13002

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
Generic, Analog	100%	2032 **	1-3 \$5,400	
	Other Observation, Extent : Light, Are	ea Affected : 100%		
	Location : Full Building			
	Explanation : Automatic Fire Alarm	Only		

Mechanical	Current Repair		Futur	e Replacement	М			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating					•			
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$4,300	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$600	
Terminal Devices								
Convector/Radiator	60%			2032	* *	1	\$1,700	
Convector/Radiator		Now	\$400	2047	* *	1	\$300	
	_		oderate, Area Affe	cted : 20	9%			
		: 1st And 2						
			xtent : Light, Area	Affected	!: 20%			
	Location	: 1st Floor	•					
	Explana	tion : Cover	r Damaged					
Unit Heater - Steam	30%			2027	\$8,800	4	\$400	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	25%			2032	* *			
			xtent : Light, Area	Affected	!: 25%			
		: 2nd Floo						
	Explana	tion : Servii	ng Locker Rooms					
Window/Wall Unit	75%			2022	\$12,800	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,900	
Exhaust Fans								
Roof	80%			2027	\$10,900	2	\$200	
Wall Unit	20%			2027	\$600	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13002

Mechanical		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing								
Water Heater								
Gas Fired	100%			2022	\$5,000	2	\$100	
		servation, Exter	ıt : Light, Area	Affected	: 100%			
		n : Basement						
~	Explana	tion : 2 - 75 Ga	illon Units					
Sanitary Piping	000/			TIPE	* *	1		
Cast Iron	80%		#4.000	LIFE	* *	1		
Cast Iron		Now	\$4,800	LIFE		1		
		lent, Extent : M		Ајјестеа :	20%			
G: D : D: :	Lосапо	ı : 1st Floor Ce	ruing					
Storm Drain Piping	000/			LIEE	* *	1		
Cast Iron Cast Iron	80%	Now	¢1.700	LIFE	* *	1		
Cast Iron		Now /Clogged, Exte	\$1,700	LIFE		1		
		/Cioggea, Еліе. 1 : Basement	ni . Severe, Are	ги Ајјест	ea . 5070			
C D(-)	Locuitor	i . Busemeni						
Sump Pump(s) Submersible	100%			2019	\$300	4	\$300	
Backflow Preventer	10070			2019	\$300		\$300	
No Component	95%							
Generic	5%			2032	* *	1		
Generie	_	servation, Exter	nt : Light, Area		: 100%	1		
		n : Basement	218.11, 11.00.	11,500000	. 10070			
		tion : Serves B	oiler Only					
Fixtures	4							
Generic	100%	ı						
ire Suppression								
Chemical System								
Wet	10%	ı		2025	\$200	1-3	\$500	
No Component	90%	ı						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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FIRE DEPARTMENT - FY 2018 Print Date: 13-Oct-2017

Asset Name : ENGINE CO. 301/LADDER CO. 150

Address : 91-02 197th STREET

Borough Agency's Number : QUEENS : N/A

Program / Asset # : FIRSECO.301 / 13186 Yr Built/Renovated : 1933 / 2003

Area Sq Ft : 9,974 **Project Type** : FIRE DEPARTMENT

Date of Survey : 25-Apr-2016 **Landmark Status** : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 10464 Lot BIN : 4222434

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$172,700	
Interior Architecture		\$51,300
Mechanical		\$126,300
Total	\$172,700	\$177,600
Importance Code A	\$172,700	
Importance Code B		\$177,600
Total	\$172,700	\$177,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
T	A12 100		A1 200	A C 000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,400		\$1,200	\$6,000
Interior Architecture	\$74,800		\$1,100	\$1,100
Electrical		\$100		\$800
Mechanical	\$2,600	\$1,800	\$2,400	\$13,700
Total	\$90,700	\$1,900	\$4,700	\$21,600
Importance Code A	\$14,100	\$900	\$2,000	\$6,900
Importance Code B	\$46,400	\$1,000	\$2,700	\$14,700
Importance Code C	\$30,200			
Total	\$90,700	\$1,900	\$4,700	\$21,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13186

Architecture		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls			*			_	***	
Masonry: Brick	80%		\$172,700	LIFE	**	5	\$19,100	
			Extent : Moderate, I					
~		: Stae/ Red	ar Facades And Ho				44.000	
Granite Panels	10%			LIFE	* *	5	\$1,800	
Wood Overhead Doors	10%			2032	* *	5	\$11,900	
Windows	250/			2042	* *	5	\$600	
Aluminum	25%	arvation E	Extent : Light, Area	2043		3	\$600	
		: Through	_	Ајјестеи	. 100/0			
		U	oui ctive Metal Grilles	7				
Aluminum	75%		\$7,900	2035	* *	5	\$900	
Atummum			d, Extent : Modera		Affected · 25%	3	\$300	
	_		ory Windows	iic, mica	ngjeerea . 2570			
Parapets								
Masonry: Brick	20%			LIFE	* *	5	\$100	
Masonry: Granite	80%			LIFE	* *	5	\$600	
	1		Extent : Moderate, .	55				
	Location	: 2nd Floo	or Parapet And Hos	se Tower				
Roof	000/	3.7	47.500	2026	* *			
Asphalt Shingle		Now	\$5,500 xtent : Severe, Are	2036				
			xieni : Severe, Are At Hose Tower	а Ајјесте	a:15%			
C /T	5%	. Crickets	711 110se 10wer	2055	* *	10	¢1 200	
Copper/Terne Roll Roofing	5% 15%			2055 2026	\$6,200	10 5	\$1,200 \$2,500	
nterior	1370			2020	\$0,200	3	\$2,300	
Floors								
Cast in Place Concrete	35%	2-4	\$22,000	LIFE	* *	5	\$9,300	
			xtent : Severe, Are		d : 5%	Č	ψ,,,,,,,	
			f Apparatus Room					
	Other Obs	ervation, E	xtent : Moderate, 1	Area Affe	cted : 100%			
	Location	: Below A	pparatus Room					
	Explana	tion : Struc	turally Insufficient					
Ceramic Tile	5%			2036	* *	5	\$600	
Vinyl Tile	50%			2027	\$51,300	3	\$2,300	
Wood	10%			2042	* *	5	\$2,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13186

rchitecture	Current Rep	air	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Interior Walls							
Cast in Place Concrete	5% Now	. ,	LIFE	* *			
	Cracking/Crumbling, Ex		Area Aff	ected : 25%			
	Location : Hose Tower						
	Diagonal Cracks, Extent Location : Hose Tower		ffected :	15%			
	Vertical Cracks, Extent : Location : Hose Tower		ected : 1	15%			
Gypsum Board	20% Now	\$4,200	LIFE	* *	5	\$2,000	
7 1	Water Penetration, Exter			: 50%		. ,	
	Location : Stair To Thi				edroom		
	Other Observation, Exter	nt : Severe, Area	Affected	! : 20%			
	Location : Stair To Thi		55				
	Explanation: Mold						
Masonry: Brick	10%		LIFE	* *			
Plaster	15% Now		LIFE	* *	5	\$800	
	Cracking/Crumbling, Ex	· ·		ed : 35%	-	70	
	Location : Hose Tower						
	Water Penetration, Exten	it : Severe, Area	Affected	: 40%			
	Location : Hose Tower				hout		
SGFT/Glazed Masonry	50%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	5% Now	\$400	2044	* *	5	\$300	
in a second in the second in t	Broken/Missing Element Location: Locker Room	s, Extent : Severe		ffected : 30%	J	4200	
	Worn/Eroded, Extent : S		ted · 50	%			
	Location : Dormitory	.vere, 111ea 19jee	ica . 50,	, o			
Exposed Concrete	5% Now	\$1,700	LIFE	* *	5	\$100	
Zaposou concrete	Cracking/Crumbling, Ex	. ,		ected : 20%	5	Ψ100	
	Location : Hose Tower						
Gypsum Board	15%		LIFE	* *	5	\$2,000	
Plaster	75% Now		LIFE	* *	5	\$4,900	
1 145701	Water Penetration, Extended Location: Hose Tower	nt : Severe, Area	Affected			ψ 1,500	

Electrical		Current Repair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							

100% 2037 Fused Disc Sw

Other Observation, Extent: Moderate, Area Affected: 100%

Location: Basement

Explanation: Main Service Switch Rated @ 400 Amperes

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13186

Electrical	Current F	Repair Fu	uture Replacement	N	laintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Ye	ear Estimated Cos Y	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Switchgear / Switchboard Molded Case Bkrs	1000/	20.	27 *:	k =	\$200	
	100%	20.	3/	* 5	\$300	
Raceway Conduit	100%	20.	37 *:	* 1		
Panelboards	10070	20.	<i>5</i> /			
Molded Case Bkrs	100%	20.	35 *:	* 5	\$300	
Wiring						
Thermoplastic	100%	20	**	* 1		
Ground						
Grounding Devices						
Generic	100%	LII	FE *:	* 5	\$100	
Lighting						
Interior Lighting						
Fluorescent	99%	20	27 \$26,700) 10	\$9,100	
	T-8 Lamps And Fixtu	res, Extent : Moderate,	Area Affected : 100%	6		
	Location : Through	out The Building				
Incandescent	1%	20:	22 \$600) 2		
Egress Lighting						
Emergency, Battery	10%	20	27 \$1,300) 10	\$200	
Exit, Service	90%	20	27 \$1,000) 1		
Exterior Lighting	_	_				•
HID	20%	20	27 \$7,500) 10		
No Component	80%					

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	20%	2037	* *	1		
Natural Gas	80%	2037	* *	1		
Conversion Equipment						
Heat Pump Air Sourced	20%	2028	\$12,400	2	\$600	
	Other Observation, Extent : Light, Area Location : 3rd Floor	Affected	: 20%			
	Explanation: 4 Units					
Steam Boiler	80% Other Observation, Extent : Light, Area Location : Basement	2040 Affected	* *	1	\$7,900	
	Explanation: 1 Unit					
Distribution						
Central Plant Steam Piping/Pmp	80%	2027	\$126,300	4	\$600	
No Component	20%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13186

Mechanical	Current Repa	ir Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year E FY	Stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices	000/	2022	* *		Φ2 (00	
Convector/Radiator	80%	2032	* *	1	\$2,600	
Fan Coil Unit/Heat Air Conditioning	20%	2032	4- 4-	1	\$600	
Energy Source						
Electricity	100%	2035	* *	1		
Conversion Equipment	10070	2033		1		
Split Unit	20%	2032	* *			
1	R-22 Refrigerant, Extent:		0%			
	Location : 5 Units. Vario					
Window/Wall Unit	50%	2022	\$9,700	1		
No Component	30%		4. 7			
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2	\$2,600	
No Component	80%					
Terminal Devices						
Air Handler/Dir	20%	2032	* *	1		
Expansion						
No Component	80%					
Heat Rejection						
Dry Cooler	20%	2032	* *	2	\$1,400	
No Component	80%					
Ventilation						
Distribution Ductwork/Diffusers	40%	LIFE	* *	2-5	\$2,200	
No Component	60%	LITE		2-3	\$2,200	
Exhaust Fans	0070					
Roof	10% Now	\$200 2027	\$1,500	2		
11001	Malfunctioning, Extent : S	·		_		
	Location : Kitchen Fan,					
Wall Unit	60%	2027	\$2,000	2	\$200	
No Component	30%		42 ,000	_	\$	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2025	\$5,700	2	\$100	
	Other Observation, Extent	t : Light, Area Affected : 1	100%			
	Location: Basement					
G : D:	Explanation: 2 - 75 Gal	lon Units				
Sanitary Piping	1000/	LIDE	* *	1		
Cast Iron	100%	LIFE	~ ^	1		
Storm Drain Piping	1000/	I IEE	* *	1		
Cast Iron	100%	LIFE		1		
Sump Pump(s) Submersible	100%	2019	\$300	4	\$300	
Submersible	10070	2019	\$300	4	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 301/LADDER CO. 150

Asset #: 13186

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Fire Suppression				
Chemical System				
Generic	100%	2022 \$1,900	1-3 \$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 302/LADDER CO. 155 Address : 143-15 ROCKAWAY BOULEVARD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.302 / 13187 Yr Built/Renovated : 1931 /

Area Sq Ft : 5,152 Project Type : FIRE DEPARTMENT

Date of Survey : 06-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 12046 Lot : 2 BIN : 4261544

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$184,800	\$59,300
Interior Architecture	\$83,300	
Total	\$268,000	\$59,300
Importance Code A	\$184,800	\$59,300
Importance Code B	\$83,300	·
Total	\$268,000	\$59,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$81,500			\$100
Interior Architecture	\$48,300		\$300	\$500
Electrical			\$100	
Mechanical	\$10,900	\$700	\$3,800	\$700
Site Enclosure	\$16,600			
Site Pavements	\$9,400			
Total	\$166,700	\$700	\$4,200	\$1,300
Importance Code A	\$82,000	\$500	\$500	\$600
Importance Code B	\$41,000	\$200	\$3,700	\$700
Importance Code C	\$43,700			
Total	\$166,700	\$700	\$4,200	\$1,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13187

Architecture	Current Repair	Future Replacement	M	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
exterior					
Exterior Walls	- 00/ 3 7		_	0.1.1.00	
Masonry: Brick	70% Now \$86,500 Int Mortar Miss/Erod, Extent: Severe, Location: Throughout Spalling, Extent: Moderate, Area Affect Location: West Facade		5	\$14,400	
Masonry: Granite	3% 0-2 \$7,300 Int Mortar Miss/Erod, Extent: Light, A Location: Throughout	LIFE ** Area Affected : 20%	5	\$500	
Masonry: Limestone	7% Now \$62,700 Int Mortar Miss/Erod, Extent : Severe, Location : South Facade	LIFE ** Area Affected : 25%	5	\$1,100	
Stucco Cement	10% Now \$29,700 Cracking/Crumbling, Extent: Severe, A Location: Hose Tower Worn/Eroded, Extent: Severe, Area Af Location: Hose Tower	••	5	\$2,600	
Wood Overhead Doors	10% Now \$19,400 Deteriorated Finish, Extent: Moderate Location: Throughout Worn/Eroded, Extent: Severe, Area Af Location: Center Of Door		5	\$5,100	
Windows					
Aluminum	100% Now \$4,300 Ctrwt/Balnc Not Funct, Extent : Severe Location : Throughout	2039 ** e, Area Affected : 35%	5	\$300	
Parapets					
Masonry: Brick	95% Now \$19,000 Diagonal Cracks, Extent: Moderate, A Location: At Corners Jnt Mortar Miss/Erod, Extent: Moderate Location: Throughout Spalling, Extent: Moderate, Area Affect Location: Throughout	nte, Area Affected : 25%	5	\$1,600	
Masonry: Limestone	5% Now \$1,800 Jnt Mortar Miss/Erod, Extent: Modera Location: Coping Vegetation Growth, Extent: Moderate, Location: Throughout	•	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13187

Architecture		Current F	Repair	Futur	e Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Roof									
Asphalt Shingle	5%	3.7	#2.5 (0.0	2032	* *	10	\$100		
Built-Up (BUR)	90%		\$35,600	2033	* *				
	Location .		ere, Area Affected .	30%					
			oj tent : Moderate, Ai	rea Affec	ted : 25%				
	_			ей Ајјес	ieu . 2570				
	Location : Main Roof Worn/Eroded, Extent : Severe, Area Affected : 25%								
	Location .				2,0				
Skylight, Metal/Glass	5%			2043	* *	10	\$1,400		
Interior							* 7 * 2		
Floors									
Cast in Place Concrete	53%	0-2	\$4,700	LIFE	* *	5	\$9,900		
	_	_	Extent: Light, Are	ea Affect	ed : 10%				
	Location .	: Through	out						
Ceramic Tile	5%			2032	* *	5	\$400		
Quarry Tile	5%			2036	* *	5	\$600		
Sheet Vinyl/Rubber	5%		4.00	2028	\$12,600	5	\$600		
Terrazzo	2%	0-2	\$400	LIFE	**	5	\$100		
	Location .	_	Extent : Light, Are	еа Ајјест	ea : 10%				
77' 1 m'l	-			2020	Ф 21 700	2	Ф1 000		
Vinyl Tile	30%	0-2	\$1,100 Extent: Light, Are	2028	\$21,700	3	\$1,000		
	Location .	_	_	и Ајјест	ей . 10/0				
Interior Walls	<u> Locuitoit</u>	. 1111011811							
Cast in Place Concrete	5%	Now	\$16,900	LIFE	* *				
	Diagonal C	Cracks, Ext	tent : Severe, Area	Affected	: 15%				
	Location .	: Hose To	wer						
	Exposed Re	inforceme	ent, Extent : Severe	, Area A	ffected : 30%				
	Location .	: Hose To	wer						
			: Severe, Area Aff	ected : 1	00%				
	Location .	: Hose To	wer						
Cast in Place Concrete	10%			LIFE	* *				
Gypsum Board	5%			LIFE	* *	5	\$200		
Masonry: Brick	15%			LIFE	* *				
Plaster	40%	4+	\$900	LIFE	* *	5	\$600		
		_	: Severe, Area Aff	ected : 1	0%				
a com (c)	Location .	: Second F	tioor						
SGFT/Glazed Masonry	25%			LIFE	* *				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13187

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%		\$2,100	2036	**	5	\$600	
	_	_	Extent: Light, Are	ea Affect	ed : 40%			
		: Through						
Cast in Place Concrete	_	Now	\$83,300	LIFE	* *	5	\$1,200	
	_	_	Extent : Severe, A	rea Affeo	cted : 100%			
		: Hose To						
			Extent : Severe, Are	a Affecte	ed: 70%			
		: Hose To						
			sed Reinforcing					
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	20%		\$22,400	LIFE	* *	5	\$1,100	
			: Severe, Area Affa	ected : 10	00%			
	Location	: Second I	floor					
Site Enclosure Fence/Gates								
Chain link	45%	0-2	\$8,800	2053	* *			
Chum mik		~ _	xtent : Severe, Are		d: 100%			
		: Through						
Wood	55%		\$7,800	2028	\$7,800			
Wood			ents, Extent : Seve					
		: Through		,	5,5			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	\$5,900	2028	\$29,700			
			Extent : Moderate					
		: Through						
Parking/Driveway								
Cast in Place Concrete	100%	0-2	\$3,500	2036	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 40%			
	Location	: Through	out					

lectrical	Current Repair	Future Repla	acement	M	aintenance	
stem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	* *	5		
	Other Observation, Extent: M	loderate, Area Affected : .	100%			
	Location : Basement Service	Area				
	Explanation: 200 Amperes	Fused Disconnect Switch				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	* *	5	\$100	
Raceway						
Conduit	100%	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13187

Electrical	Current Repair	Future Repla	cement	М	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Panelboards							
Molded Case Bkrs	100%	2031	* *	5	\$100		
	Other Observation, Extent : Mod	. 55	00%				
	Location : Basement Rear Serv						
	Explanation : Panel Cover Lea	ning Against Wall Unde	rneath Pai	nel			
Wiring							
Thermoplastic	100%	2033	* *	1			
Motor Controllers							
Locally Mounted	100%	2036	* *	5			
	Other Observation, Extent : Mod	. 55	00%				
	Location : Basement Boiler Ro						
	Explanation: New Motors For	Heating System					
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
Lighting							
Interior Lighting							
Fluorescent	100%		\$14,000	10	\$4,700		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Basement And 1st A						
	Explanation: T-8 In Basement	And T-12 On 1st And 21	id Floor				
Exterior Lighting							
HID	100%	2023	\$19,400	10			

Mechanical	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$5,100	
	Other Observation, Exter	nt : Light, Area	Affected	: 100%		•	
	Location: Basement						
	Explanation: One Uni	t					
Distribution Central Plant Steam Piping/Pmp	100%		2033	**	4	\$300	
Terminal Devices							
Convector/Radiator	100% Now	\$500	2028	\$25,800	1	\$1,500	
	Malfunctioning, Extent:	Moderate, Area	Affecte	d: 5%			
	Location : Relief Valve	s Need Replacer	nent				
ir Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13187

echanical	Current Repair	Future R	Replacement	М	aintenance			
stem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Conditioning								
Conversion Equipment Window/Wall Unit No Component	75% 25%	2019	\$7,500	1				
ntilation	·							
Exhaust Fans								
Roof	100%	2028	\$8,000	2	\$200			
ımbing								
H/C Water Piping								
Brass/Copper	100%	2033	* *	1				
	No Water Meter, Extent : Light	t, Area Affected : 100	0%					
	Location : Basement							
Water Heater								
Gas Fired	100%	2021	\$2,900	2	\$100			
	Other Observation, Extent : Lize Location : Basement	ght, Area Affected : 1	100%					
	Explanation: 2 Units - 75 Ga	allons Each						
Sanitary Piping								
Cast Iron	100% Now 5	\$1,800 LIFE	* *	1				
	Blockage /Clogged, Extent : M	oderate, Area Affecte	ed : 15%					
	Location: Basement House Trap							
	Leak Evident, Extent : Modera							
	Location : Gear Room, Leak	Is Coming From Sho	wer Drain In 2r	ıd Floor				
Storm Drain Piping								
Cast Iron	100% Now	\$500 LIFE	* *	1				
	Blockage /Clogged, Extent: Moderate, Area Affected: 15%							
	Location : Basement House T	Frap When It Rains						
Sump Pump(s)								
Non-Submersible	100%	2023	\$700	4	\$200			
	Other Observation, Extent : Lig	ght, Area Affected : 1	00%					
	Location: Basement							
	Explanation: 2 Pits With 1 P	ump In Each						
Fixtures	1000/							
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 875

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 303/LADDER CO. 126

Address : 104-12 PRINCETON STREET @ LIBERTY AVE.

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,610 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 10046 Lot : 14 BIN : 4214846

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$43,900	\$52,600
Interior Architecture	\$35,000	
Total	\$78,900	\$52,600
Importance Code A	\$43,900	\$52,600
Importance Code B	\$35,000	
Total	\$78,900	\$52,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,000		\$6,300	
Interior Architecture			\$700	\$1,100
Electrical			\$100	
Mechanical	\$6,600	\$800	\$700	\$4,000
Total	\$7,500	\$800	\$7,800	\$5,100
Importance Code A	\$1,500	\$600	\$6,900	\$600
Importance Code B	\$6,000	\$200	\$900	\$3,900
Importance Code C				\$600
Total	\$7,500	\$800	\$7,800	\$5,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13188

Architecture		Current I	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	4.50/			•		4.0	4. 000	
Alum/Vinyl Siding	15%	NT.	Ф42 000	2033	* *	10	\$1,000	
Masonry: Brick		Now	\$43,900 tent : Moderate, Ar	LIFE		5	\$14,600	
			outh And West Fac		iea . 7576			
			oun ina west i ac ot, Extent : Modera		Affected: 25%			
			nd West Facades	,	iggeorea : 2070			
Masonry: Limestone	5%			LIFE	* *	5	\$800	
Granite Panels	2%			LIFE	* *	5	\$300	
Wood Overhead Doors	8%			2028	\$52,600	5	\$8,300	
Windows					4- 7		, - , - · ·	
Aluminum	100%			2039	* *	5	\$1,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$2,300	
		-	tent : Moderate, Ar		ted : 75%			
		: North, S	outh And West Fac	rades				
Masonry: Limestone	10%			LIFE	* *	5	\$300	
Pre-Cast Concrete	5%			LIFE	* *	5	\$800	
Roof	2. - 0. (• • • •	4- 4 00	4.0		
Asphalt Shingle Modified Bitumen	25%			2026 2031	\$7,300 * *	10	\$400	
Modified Bitumen		place Evide : Through	ent, Extent : Light, out			10	\$6,300	
Interior								
Floors	400/			LIEE	* *	_	\$9,000	
Cast in Place Concrete		place Evide : Apparati	ent, Extent : Light, us Floor	LIFE Area Aff		5	\$8,000	
Ceramic Tile	15%			2026	\$26,600	5	\$1,400	
Vinyl Tile	45%	0-2	\$35,000	2033	* *	3	\$1,500	
	Location Worn/Ero	: 2nd Floo	: Moderate, Area					
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$1,200	
Gypsum Board	15%			LIFE	* *	5	\$1,100	
Masonry: Brick	15%			LIFE	* *			
Plaster	45%			LIFE	* *	5	\$1,600	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2028	\$7,400	5	\$900	
Exposed Struc: Steel	30%	,		LIFE	**			
		place Evide : Basemer	ent, Extent : Light,	Area Aff	естеа : 100%			
Dlaster	60%	. Dusemer		LIFE	* *	5	\$3,400	
Plaster	00%			LIFE		3	\$3,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13188

Electrical	Current	Repair	Future Replacement		M	aintenance	
System Component Type	% of Fail Dat Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2033	* *	5		
	Other Observation, Location : Basema	Extent : Moderate, Argent	ea Affe	cted : 100%			
	Explanation : Mai	in Service Switch Rated	d @ 20	0 Amperes			
Switchgear / Switchboard Molded Case Bkrs	100%	;	2033	* *	5	\$100	
Raceway							
Conduit	100%	:	2033	* *	1		
Panelboards							
Molded Case Bkrs	100%		2031	* *	5	\$100	
Wiring							
Thermoplastic	100%		2033	**	1		
Ground							
Grounding Devices							
Generic	100%]	LIFE	**	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	100%		2028	\$15,200	10	\$5,100	
Egress Lighting							
Emergency, Battery	50%		2023	\$3,800	10	\$700	
Exit, Service	50%		2023	\$300	1		
Exterior Lighting							
HID	100%		2023	\$21,200	10		

Mechanical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	Sear Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$5,600	
	Other Observation, Extent: Light, A	rea Affected : 100	0%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2039	* *	4	\$400	
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$1,800	
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13188

Mechanical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment						
Window/Wall Unit	50%	2019	\$5,500	1		
No Component	50%					
Ventilation						
Exhaust Fans						
Wall Unit	10%	2028	\$200	2		
No Component	90%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,200	2	\$100	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Fixtures	·					
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 304/LADDER CO. 162

Address : 218-44 97th AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.304 / 13189 Yr Built/Renovated : 1922 /

Area Sq Ft : 5,376 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 10770 Lot : 23 BIN : 4230875

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$87,000	\$102,200
Mechanical		\$76,500
Total	\$87,000	\$178,700
Importance Code A	\$87,000	\$102,200
Importance Code B		\$76,500
Total	\$87,000	\$178,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$54,200			
Interior Architecture	\$16,700			\$900
Electrical	\$8,300		\$4,900	
Mechanical	\$6,000	\$1,700	\$9,800	\$1,700
Total	\$85,300	\$1,700	\$14,700	\$2,600
Importance Code A	\$54,700	\$500	\$500	\$500
Importance Code B	\$30,600	\$1,100	\$14,200	\$1,700
Importance Code C				\$300
Total	\$85,300	\$1,700	\$14,700	\$2,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13189

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•			•				•
Exterior Walls								
Masonry: Brick	Jnt Morta Location Misaligne Location	n : West Fac d/Bulging, n : West Fac	Extent : Moderate,	Area Afj	fected : 10%	5	\$14,400	
	Location Water Per	n : East Fac netration, E	cade, West Facade Extent : Light, Area Cfice And Truck Off	Affected				
Masonry: Limestone	5% Jnt Morta	Now r Miss/Eroc	\$9,800 d, Extent : Modera acade, Window Sili	LIFE te, Area I	* * Affected : 20%	5	\$700	
Stucco Cement Wood Overhead Doors	5% 10%			2028 2028	\$26,100 \$57,000	5 5	\$2,300 \$9,000	
Windows								
Aluminum			\$7,200 ent : Light, Area Aj out	2031 fected : .	**	5	\$900	
Parapets Cast Stone/Terra Cotta	Broken/M Location Int Morta	n : West Fac r Miss/Eroc	\$7,500 nents, Extent : Seve cade d, Extent : Modera out Coping		-	5	\$1,500	
Masonry: Brick	Spalling, I Location Worn/Ero	: East Fac	\$20,600 derate, Area Affec cade, West Facade : Moderate, Area Face			5	\$1,800	
Roof								
Modified Bitumen	Blisters, E Location Water Per	ı : netration, E	\$9,000 derate, Area Affect extent : Moderate, 2 oof, Over Stairs					
Interior Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$8,900	
Ceramic Tile	5%			2032	* *	5	\$400	
Quarry Tile	5%			2028	\$11,700	5	\$600	
Vinyl Tile		ded, Extent	\$5,500 : Moderate, Area or Throughout	2023 Affected	\$27,700	3	\$1,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13189

Architecture		Current R	epair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$600	
Gypsum Board	30%			LIFE	* *	5	\$2,100	
Plaster	20%			LIFE	* *	5	\$700	
Plywood/Hardboard	10%			LIFE	* *			
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	0-2	\$11,200	2036	* *	5	\$1,200	
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ai	rea Affected : 5%			
	Location	: TV Roon	ı, Basement					
	Water Pen	netration, Ex	ctent : Severe, Are	a Affecte	ed:5%			
	Location	: Kitchen						
	Worn/Ero	ded, Extent	: Severe, Area Aff	ected : 5	0%			
	Location	: Bunk Roc	om					
Exposed Concrete	20%			LIFE	* *	5	\$200	
Plaster	50%			LIFE	* *	5	\$2,400	

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2033	* *	5		
	Other Obse	rvation, Extent : Modera	ite, Area Affe	cted : 100%			
	Location	: Basement					
	Explanati	on : One 200 Amperes M	lain Disconn	ect Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2033	* *	5	\$100	
Raceway							
Conduit	100%		2033	* *	1		
Panelboards							
Fused Disc Sw	10%		2031	* *	5		
Molded Case Bkrs	60%		2031	* *	5	\$100	
Molded Case Bkrs	30%		2039	* *	5		
Wiring							
Braided Cloth	30%	2-4 \$8,30	00 2048	* *	1		
	Insulation A	Aged, Extent : Moderate,	Area Affecte	d : 100%			
	Location	: Throughout					
Thermoplastic	70%		2033	* *	1		
Motor Controllers							
Locally Mounted	100%		2028	\$14,400	5		
Ground			- 10	, ,,,,,			
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13189

Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	98%	2031	* *	10	\$4,800	
	Other Observation, Extent: Moder	ate, Area Affected	! : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	2%	2028	\$300	10	\$100	
	Other Observation, Extent: Moder	ate, Area Affected	! : 100%			
	Location: Waititng Room					
	Explanation: T-5 Lamps					
Exterior Lighting						
HID	100%	2023	\$20,300	10		

Mechanical	Current R	epair Futu	re Replacement	Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2043	* *	1				
Conversion Equipment								
Steam Boiler	100%	2036	* *	1	\$5,300			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Basement	t						
	Explanation : One U	Init						
Distribution	-							
Central Plant Steam	100%	2033	* *	4	\$300			
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%	2028	\$26,900	1	\$1,700			
Air Conditioning								
Energy Source								
Electricity	100%	2039	* *	1				
Conversion Equipment								
Window/Wall Unit	80%	2021	\$8,400	1				
No Component	20%		4-7					
Terminal Devices								
Fan Coil - 2 Pipe	100%	2028	\$76,500	1	\$1,700			
Heat Rejection			4,0,000		4-,,,,			
Air Cooled Condenser	100%	2028	\$8,100	2	\$3,700			
Unit	10070	2020	ψ0,100	_	Ψ3,700			
Ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,000			
Exhaust Fans	10070	Eli E	·		ψ5,000			
Wall Unit	100%	2028	\$1,800	2	\$200			
Dlambia a	100/0	2028	Ψ1,000		Ψ200			

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13189

lechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	\$3,100	2	\$100	
Sanitary Piping								
Cast Iron	100%	Now	\$1,800	LIFE	* *	1		
	Blockage /	Clogged, E	Extent : Moderate,	Area Affe	ected : 15%			
	Location	: Basemen	t House Trap					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	\$200	4	\$200	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 884

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 305/LADDER CO. 151

Address : 111-02 QUEENS BOULEVARD @ 75TH AVE.

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 4,248 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Aug-2012 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,atc

Block : 3294 Lot : 20 BIN : 4078827

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$42,100	\$53,300
Mechanical		\$81,100
Total	\$42,100	\$134,400
Importance Code B	\$42,100	\$134,400
Total	\$42,100	\$134,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,100		\$2,500	
Interior Architecture		\$300	\$500	\$400
Electrical	\$45,500		\$10,400	\$100
Mechanical	\$9,400	\$600	\$4,300	\$600
Total	\$74,000	\$900	\$17,700	\$1,000
Importance Code A	\$24,800	\$400	\$2,900	\$400
Importance Code B	\$49,200	\$500	\$14,800	\$400
Importance Code C				\$200
Total	\$74,000	\$900	\$17,700	\$1,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13190

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	\$12,700	
Masonry: Limestone		Now	\$18,900	LIFE	* *	5	\$1,200	
		iscoloring: : Through	, Extent : Moderate out	e, Area A	ffected : 25%			
Metal Sect. OHD	10%			2036	* *	5	\$4,900	
Windows								
Aluminum	100%			2039	* *	5	\$400	
Roof								
Copper/Terne	100%			2038	* *	10	\$15,800	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$7,000	
Ceramic Tile	5%			2032	* *	5	\$300	
Quarry Tile	5%			2036	* *	5	\$500	
Vinyl Tile	40%			2023	\$23,600	3	\$1,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2032	* *	5	\$400	
Gypsum Board	45%			LIFE	* *	5	\$2,400	
Masonry: Brick	7%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	3%			LIFE	* *	5	\$1,100	
Ceilings								
AcousTileSusp.Lay-In	7%			2036	* *	5	\$500	
Exposed Concrete	30%			LIFE	* *	5	\$300	
Gypsum Board	3%			LIFE	* *	5	\$300	
Plaster	60%			LIFE	* *	5	\$2,500	

lectrical	Current Re	pair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date F Total (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100% 2-4	\$5,300	2053	* *	5	\$100	
	Other Observation, Ext	ent : Moderate, A	Area Affe	cted : 100%			
	Location: Basement						
	Explanation: No Rati	ngs Available, E	nclosure	Corroded			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2023	\$53,300	5	\$100	
Raceway							
Conduit	100%		2023	\$34,200	1		
Panelboards							
Molded Case Bkrs	100%		2022	\$42,100	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13190

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Braided Cloth	70% 2-4 \$2	21,200 2048	* *	1		
	Insulation Aged, Extent : Mode	erate, Area Affected	l : 100%			
	Location: Throughout The B	uilding				
Thermoplastic	30%	2033	* *	1		
Ground						
Grounding Devices						
Metal Water Pipe	100%	2021	\$10,400	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	95%	2023	\$11,900	10	\$3,700	
	Other Observation, Extent : Me	oderate, Area Affec	ted : 100%			
	Location: Throughout The B	uilding				
	Explanation: T-8 Lamps					
Incandescent	5%	2019	\$1,500	2		
Egress Lighting						
Exit, LED	100%	2038	* *	1		
Exterior Lighting			_	•		•
HID	100%	2019	\$17,500	10		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2043	* *	1			
Conversion Equipment								
Steam Boiler	100%		2040	* *	1	\$4,200		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location:	Basement						
	Explanatio	on : One Unit						
Distribution								
Central Plant Steam	100%		2043	* *	4	\$300		
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%		2036	* *	1	\$1,400		
Air Conditioning								
Energy Source								
Electricity	100%		2039	* *	1			
Conversion Equipment								
Interior Pkg Unit -	50%	Now \$4,100	2024	\$81,100	2	\$100		
Cooling		* ',- * *		, - , - ·		, ,		
	Leak Eviden	it, Extent : Moderate, Area	Affected .	: 2%				
	Location:	Water Dripping Through 2	nd Floor	Ceiling Because C	f Conder	isate In The Attic		
Window/Wall Unit	50%		2019	\$4,500	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13190

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2	\$2,800	
No Component	50%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$2,400	
Exhaust Fans							
Interior	100%		2028	\$15,400	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		
Water Heater							
Gas Fired	100%		2021	\$2,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$100	4	\$100	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 306 Address : 40-18 214th PLACE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 4,860 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6288 Lot : 32 BIN : 4138284

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$94,800	\$62,200
Total	\$94,800	\$62,200
Importance Code A	\$94,800	\$62,200
Total	\$94,800	\$62,200

Total	\$57,300	\$1,100	\$1,000	\$1,700
Importance Code C				\$800
Importance Code B	\$15,800	\$700	\$500	\$400
Importance Code A	\$41,500	\$500	\$500	\$500
Total	\$57,300	\$1,100	\$1,000	\$1,700
Site Pavements				
Mechanical	\$10,900	\$600	\$700	\$600
Electrical	\$4,400		\$100	
Interior Architecture	\$1,100	\$500	\$300	\$1,000
Exterior Architecture	\$41,000			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 306

Asset #: 13191

Architecture	Current F	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	000/ 11	¢04.000	TIPE	* *	_	¢15.700	
Masonry: Brick	80% Now Paint Peeling, Extent Location: North Ar Painted Surfaces, Ext Location: North Ar Spalling, Extent: Mo Location: North Ar	nd West Facades vent : Moderate, Ar nd West Facades derate, Area Affect	ea Affect	· 25% ed : 50%	5	\$15,700	
Masonry: Granite	2%		LIFE	* *	5	\$300	
Masonry: Limestone	8% Now Cracking/Crumbling, Location: Above M Jnt Mortar Miss/Erod Location: East Fac Staining/Discoloring, Location: East Fac	ain Entrance l, Extent : Moderat ade Extent : Moderate	e, Area A	ffected : 25%	5	\$1,200	
Wood Overhead Doors	10%		2028	\$62,200	5	\$9,800	
Windows							
Aluminum	100%		2039	* *	5	\$1,600	
Parapets Masonry: Brick	90% Now Paint Peeling, Extent Location: North Ar Painted Surfaces, Ext Location: North Ar Spalling, Extent: Mo Location: West And	nd West Parapets vent : Moderate, Ar nd West Parapets derate, Area Affect	ea Affect	ed : 50%	5	\$1,900	
Masonry: Limestone	5% Now Jnt Mortar Miss/Eroc Location: Coping Caulking Deteriorate Location: Coping				5	\$100	
Pre-Cast Concrete	5%		LIFE	* *	5	\$700	
Roof							
Built-Up (BUR)	100%		2023	\$34,500	10	\$7,500	
Interior							
Floors	400/		TIPE	* *	_	47.000	
Cast in Place Concrete Ceramic Tile	40% 5%		LIFE	* *	5	\$7,000 \$400	
Quarry Tile	5% 5%		2032 2036	* *	5 5	\$400 \$600	
Vinyl Tile	50%		2023	\$34,200	3	\$1,500	
	2070		2023	Ψ5 1,200		Ψ1,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 306

Asset #: 13191

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	15%			2032	* *	5	\$1,700	
Gypsum Board	5%			LIFE	* *	5	\$300	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	\$1,800	
Ceilings								
AcousTileSusp.Lay-In	10%			2028	\$6,500	5	\$800	
Exposed Struc: Steel	15%			LIFE	* *			
Plaster	65%			LIFE	* *	5	\$3,300	
Plaster	10%	Now	\$1,100	LIFE	* *	5	\$500	
	Location	: Roof Acc			-			
		etration, E. : Roof Acc	xtent : Moderate, A cess	Area Affe	cted : 10%			
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Asphalt	75%			2032	* *			
Cast in Place Concrete	25%			2028	\$14,200			

Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	* *	5		
	Other Observation, Extent: Moderat	e, Area Affected	: 100%			
	Location: Basement					
	Explanation: Main Service Switch	Rated @ 200 Am	peres			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	* *	5	\$100	
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$100	
Wiring						
Thermoplastic	100%	2033	* *	1		
Ground						
Grounding Devices						
Metal Water Pipe	100%	2028	\$9,500	5	\$100	
Lighting						

Lighting

Note:

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 306

Asset #: 13191

Electrical	Current Repair	Current Repair Future Replacement		М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting						
Interior Lighting						
Fluorescent	75%	2023	\$9,900	10	\$3,300	
	Other Observation, Extent: Moder	ate, Area Affecte	ed : 100%			
	Location: 1st Floor And Basemer	ıt				
	Explanation: T-8 Lamps					
Fluorescent	25%	2019	\$3,300	10	\$1,100	
	Other Observation, Extent: Moder	ate, Area Affecte	ed : 100%			
	Location: 2nd Floor					
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2023	\$18,300	10		

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimat Total (Years)	red Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$4,800	
	Other Observation, Extent : Li	ght, Area Affected	: 100%			
	Location: Basement					
	Explanation: One Unit					
Distribution						
Central Plant Steam	100%	2043	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$24,300	1	\$1,600	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	75%	2019	\$7,100	1		
No Component	25%					
Ventilation						
Exhaust Fans						
Interior	30%	2023	\$4,900	2		
No Component	70%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		
Water Heater						
Gas Fired	100%	2019	\$2,800	2	\$100	
	Other Observation, Extent : Li	ght, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units / 80 G	allons				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 306

Asset #: 13191

lechanical	Current Rep	Current Repair Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 307/LADDER CO. 154 Address : 81-17 NORTHERN BOULEVARD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.307 / 13192 Yr Built/Renovated : 1924 /

Area Sq Ft : 6,240 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1177 Lot : 36 BIN : 4026949

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$148,900	
Mechanical		\$98,800
Total	\$148,900	\$98,800
Importance Code B	\$148,900	\$98,800
Total	\$148,900	\$98,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$35,700			\$14,800
Interior Architecture	\$37,700			\$1,200
Electrical	\$55,700			
Mechanical	\$33,300	\$1,300	\$1,800	\$32,400
Total	\$162,400	\$1,300	\$1,800	\$48,500
Importance Code A	\$36,300	\$600	\$600	\$15,400
Importance Code B	\$115,000	\$700	\$1,100	\$33,000
Importance Code C	\$11,100			
Total	\$162,400	\$1,300	\$1,800	\$48,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13192

Architecture	_	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$19,400	
Masonry: Limestone	10%			LIFE	* *	5	\$1,900	
Metal Sect. OHD	15%			2037	* *	5	\$12,100	
Windows								
Wood	100%			2032	* *	5	\$17,500	
Parapets								
Masonry: Brick	90%	Now	\$18,900	LIFE	* *	5	\$1,600	
	Painted Si	ırfaces, Ext	tent : Moderate, Ar	ea Affec	ted : 50%			
	Location	: Through	out					
	Spalling, H	Extent : Mo	derate, Area Affect	ted : 25%	ó			
	Location	: Through	out					
Masonry: Limestone	5%			LIFE	* *	5	\$100	
Pre-Cast Concrete	5%			LIFE	* *	5	\$600	
Roof								
Asphalt Shingle	20%			2033	* *	10	\$400	
Modified Bitumen	60%			2029	* *	10	\$6,600	
Roll Roofing	15%	Now	\$2,000	2023	\$6,800	5	\$1,400	
8	Miss/Dam	aged Flash	ings, Extent: Mod	erate, Ar	ea Affected : 10%			
	Location: Over Weight Room							
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
		: Over We		33				
Skylight, Metal/Glass		Now	\$8,100	2034	* *			
Skylight, Wetal/Glass			xtent : Moderate, A		ected · 25%			
		: Over We		17 001 11990	cica : 2570			
			xtent : Moderate, A	rea Affe	ected · 10%			
		ı : Over We		1164 11996	cieu . 1070			
nterior	Locuiton	. Over we	igni Koom					

 $All\ component\ repairs\ \$\ estimates\ are\ in\ current\ dollars\ and\ are\ not\ escalated\ for\ potential\ future\ inflation.$ Note:Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13192

Architecture	Current F	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors							
Cast in Place Concrete	50% Now Cracking/Crumbling, Location: Apparati Deflection Evident, E Location: Apparati	us Room xtent : Severe, Are		-	5	\$11,000	
	Other Observation, E Location : Basemen	xtent : Moderate, A t Below Apparatus	Room				
	Explanation : Steel	Columns Shoring (
Ceramic Tile	5%		2033	**	5	\$500	
Quarry Tile	5%		2037	* *	5	\$800	
Traffic Topping	5%	**- ***	2029	* *	5	\$600	
Vinyl Tile	30% Now Cracking/Crumbling, Location: Second F		2034 , Area A	* * ffected : 50%	3	\$1,100	
	Worn/Eroded, Extent Location : Second F	Floor					
	Other Observation, E Location: Second F Explanation: 9x9 T	Floor	Area Affe	ected : 50%			
Wood	5%		2052	* *	5	\$900	
Interior Walls						·	
Ceramic Tile	5%		2033	* *	5	\$700	
Masonry: Brick	20%		LIFE	* *			
Plaster	50% Now Cracking/Crumbling, Location: 2nd Floor		LIFE , Area Ą	* * ffected : 20%	5	\$2,100	
	Water Penetration, E. Location: 2nd Floo	xtent : Moderate, A	Area Affe	ected : 20%			
SGFT/Glazed Masonry	25%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	15%		2029	* *	5	\$1,500	
Exposed Concrete	30% Now	\$96,800	LIFE	* *	5	\$500	
	Cracking/Crumbling, Location: Basemen	t					
	Exposed Reinforceme Location : Basemen	t					
	Water Penetration, E. Location : Basemen	t					
	Other Observation, E Location : Basemen	t	00				
	Explanation : Steel	Columns Shring U		atus Floor.			
Gypsum Board Plaster	10% 45%		LIFE LIFE	* *	5 5	\$1,300 \$2,800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13192

Architecture	(Current Repair	Future Replacement		Maintenance			
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Site Enclosure								
Fence/Gates								
Chain link	100%		2034	* *				
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%		2037	* *				
Parking/Driveway								
Cast in Place Concrete	85%		2037	* *				
Pavers/Stone	15%		2033	* *				

Electrical	Current Repair	r Futur	e Replacement	M				
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2024	\$4,800	5				
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%					
	Location: Basement							
	Explanation : Main Servi	ce Switch Rated @ 20	00 Amperes					
Raceway								
Conduit	100%	2024	\$31,300	1				
Panelboards								
Fused Disc Sw	25%	2023	\$9,600	5				
Molded Case Bkrs	75%	2023	\$28,900	5	\$100			
Wiring								
Thermoplastic	100%	2024	\$27,700	1				
Ground								
Grounding Devices								
Generic	100% 2-4	\$9,500 LIFE	* *	5	\$100			
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%					
	Location: Basement							
	Explanation : Corroded							
Lighting								
Interior Lighting	5.50/	2010	#0.200	1.0	Φ2.100			
Fluorescent	55%	2019	\$9,300	10	\$3,100			
	T-8 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%							
	Location: Throughout Th							
Fluorescent	40%	2019	\$6,800	10	\$2,300			
	T-12 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%							
	Location: Basement							
Fluorescent	5%	2019	\$800	10	\$300			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Stairs							
	Explanation: Compact F	luorescent LightFixtu	res					
Exterior Lighting								
HID	100%	2019	\$23,500	10				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13192

Mechanical	Current Repair	Future R	Future Replacement Maintenance			
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment	1000/	2025	* *		46.200	
Steam Boiler	100%	2037		1	\$6,200	
	Other Observation, Extent: Light, Location: Basement	Area Ajjeciea : 1	00%			
	Explanation: 1 Unit					
Distribution	Explanation . 1 Onti					
Central Plant Steam	100%	2024	\$98,800	4	\$500	
Piping/Pmp	10070	2021	Ψ, 0,000	•	Ψ	
Terminal Devices						
Convector/Radiator	100%	2022	\$31,200	1	\$2,000	
Air Conditioning						
Energy Source						
Electricity	100%	2032	* *	1		
Conversion Equipment						
Reciprocating	30%	2019	\$14,900	1	\$900	
Compr/Chiller		A.CC . 1 200				
	R-22 Refrigerant, Extent: Light, A	Area Affected : 30%	%			
	Location : Roof Other Observation, Extent : Light,	Area Affacted . 2	00/			
	Location: 1 In Gymnasium Rooi					
	Explanation: 2 Units	n, 1 In Dunk Room	·			
Window/Wall Unit	30%	2019	\$3,600	1		
No Component	40%	2019	\$3,000	1		
Distribution	4070					
Ductwork/Diffusers	30%	LIFE	* *	2	\$2,400	
No Component	70%	EH E		_	Ψ2,100	
Heat Rejection						
Air Cooled Condenser	30%	2024	\$2,100	2	\$1,300	
Unit						
No Component	70%					
Ventilation						
Distribution						
Ductwork/Diffusers	40%	LIFE	* *	2-5	\$1,400	
No Component	60%					
Exhaust Fans	200/	2010	0.000	2	#100	
Interior	30%	2019	\$6,200	2	\$100	
Roof Wall Unit	10% 20%	2024	\$1,000 \$400	2		
Wall Unit No Component	20% 40%	2019	\$400	2		
Plumbing	40 70					
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Бтазы сорры	10070	2037		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13192

Mechanical	Current Repair		Future Replacement			Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated	l Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%		2019		3,600	2	\$100	
	Other Observation, Exten	ıt : Light, Area A <u>f</u>	fected	: 100%				
	Location: Basement							
	Explanation : 2 - 74 Ga	ıllon Units						
Sanitary Piping								
Cast Iron	100% Now	\$2,100 I	LIFE		* *	1		
	Blockage /Clogged, Exte	nt : Severe, Area A	Affecte	d : 5%				
	Location: Basement							
Storm Drain Piping								
Cast Iron	100% 0-2	\$600 I	LIFE		* *	1		
	Corroded, Extent : Mode	rate, Area Affecte	d: 159	%				
	Location: Basement							
Sump Pump(s)								
Non-Submersible	100% Now	\$900 2	2034		* *	4	\$100	
	Not in Service, Extent : S	'evere, Area Affec	ted : 10	00%				
	Location: Basement							
Fixtures								
Generic	100%							
	Obsolete Fixtures, Exten	t : Severe, Area Aj	ffected	: 50%				
	Location: 2nd Floor							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%	2	2019			1-3	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 899

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 308

Address : 107-12 LEFFERTS BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,952 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 9598 Lot : 10 BIN : 4205407

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$153,700	\$112,700
Mechanical		\$41,500
Total	\$153,700	\$154,100
Importance Code A	\$153,700	\$112,700
Importance Code B		\$41,500
Total	\$153,700	\$154,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$64,700			
Interior Architecture		\$300	\$200	\$200
Electrical	\$4,200	\$400	\$5,600	\$400
Mechanical	\$19,900	\$800	\$900	\$4,200
Site Pavements	\$600			
Total	\$89,400	\$1,500	\$6,700	\$4,800
Importance Code A	\$65,300	\$600	\$600	\$600
Importance Code B	\$23,500	\$1,000	\$6,100	\$4,200
Importance Code C	\$600			
Total	\$89,400	\$1,500	\$6,700	\$4,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 308

Asset #: 13193

chitecture	Current R	Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls	50/ 37	Φ.(0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	TIPE	ate ate	_	45.200	
Cast in Place Concrete	5% Now Diagonal Cracks, Ext Location: Hose Tov Spalling, Extent: Seve Location: Hose Tov Vertical Cracks, Exter Location: Hose Tov	ver ere, Area Affected ver nt : Severe, Area A	: 50%		5	\$5,300	1
Masonry: Brick	73% Now Jnt Mortar Miss/Erod Location: East Face Rusting Masonry Supp Location: At Overh Spalling, Extent: Mod Location: North An Worn/Eroded, Extent Location: North An	ade At Door t, Extent : Modera ead Door derate, Area Affec d South Facades : Moderate, Area	te, Area Af	fected : 20%	5	\$15,600	
Masonry: Granite	2%		LIFE	* *	5	\$300	
Masonry: Limestone	10% Now Jnt Mortar Miss/Erod Location: At Cornic		LIFE te, Area Afj	* * fected : 10%	5	\$1,600	
Wood Overhead Doors	10%		2028	\$67,300	5	\$10,700	
Windows	1000/		2020		_	Ø1 000	
Aluminum	100%		2039	* *	5	\$1,900	
Parapets Masonry: Brick	90% Now Jnt Mortar Miss/Erod Location: Througho Spalling, Extent: Seve Location: Side Face	out ere, Area Affected		* * Gected : 25%	5	\$2,300	
Masonry: Limestone	5% Now Jnt Mortar Miss/Erod Location: Coping Caulking Deteriorated Location: Coping				5	\$200	1
Pre-Cast Concrete	5%		LIFE	* *	5	\$800	
Roof							
Modified Bitumen Skylight, Metal/Glass	95% 5% Now Corrosion/Rusting, Ex Location: Main Roo Glazing Broken/Craci	of			10	\$7,800	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 308

Asset #: 13193

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors							
Cast in Place Concrete	30%		LIFE	* *	5	\$5,800	
Cast in Place Concrete	25%		LIFE	* *	5	\$4,900	
Ceramic Tile	5%		2026	\$8,600	5	\$400	
Ceramic Tile	5%		2032	* *	5	\$400	
Terrazzo	5%		LIFE	* *	5	\$300	
Vinyl Tile	30%		2023	\$22,700	3	\$1,000	
Interior Walls							
Cast in Place Concrete	10%		LIFE	* *			
	Water Pen	etration, Extent : Moderate, 1	Area Affe	ected : 10%			
	Location	: Basement					
Gypsum Board	10%		LIFE	* *	5	\$900	
Masonry: Brick	10%		LIFE	* *			
Plaster	35%		LIFE	* *	5	\$1,500	
SGFT/Glazed Masonry	35%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	5%		2028	\$3,600	5	\$400	
Cast in Place Concrete	35%		LIFE	* *	5	\$900	
Exposed Struc: Steel	35%		LIFE	* *			
Plaster	25%		LIFE	* *	5	\$1,400	
Site Enclosure						·	
Fence/Gates							
Chain link	100%		2033	* *			
	Corrosion	Rusting, Extent : Light, Area	Affected	: 60%			
	Location	: Throughout					
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2028	\$14,400			
Parking/Driveway				-			
Cast in Place Concrete	100%	4+ \$600	2028	\$12,700			
		Crumbling, Extent : Light, Ar					
		: Throughout	·-				

Electrical	Current Repair	Future Replacement		M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				•
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		
	Other Observation, Extent : Moderate, A	Area Affected : 100%				
	Location: Basement					
	Explanation : Main Service Switch Ra	ted @ 200 Amperes				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2043	* *	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 308

Asset #: 13193

Electrical	Current Repair	Future Re	placement	Maintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts	·	<u>'</u>					
Raceway							
Conduit	90%	2033	* *	1			
Conduit	10%	2043	* *	1			
Panelboards							
Molded Case Bkrs	90%	2031	* *	5	\$100		
Molded Case Bkrs	10%	2039	* *	5			
Wiring	000/	2022	* *	1			
Thermoplastic	90% 10%	2033	**	1			
Thermoplastic	10%	2043		1			
Ground Grounding Devices							
Metal Water Pipe	100%	2036	* *	5	\$200		
Metal Water Tipe	Corroded, Extent : Moderate, Area			3	\$200		
	Location : Basement	33					
Stand-by Power							
Transfer Switches							
Automatic	100%	2036	* *	1	\$1,800		
Generators							
Diesel	100%	2032	* *	1	\$2,300		
	Other Observation, Extent : Modera	ate, Area Affected	: 100%				
	Location: Outside	D 10 00 W					
Batteries	Explanation : Emergency General	tor Rated @ 80 K	w				
Lead/Acid	100%	2019	\$1,500	5	\$200		
Fuel Storage	10070	2019	\$1,500		\$200		
Main Tank	100%	2051	* *	5	\$200		
Widii Tuik	Other Observation, Extent : Modera		: 100%	3	Ψ200		
	Location : Outside	, 33					
	Explanation: No Available Nameplate Rating Capacity						
Lighting			-				
Interior Lighting							
Fluorescent	10%	2019	\$1,600	10	\$500		
	Other Observation, Extent : Modera	ate, Area Affected	: 100%				
	Location : Basement						
	Explanation: T-12 Lamps						
Fluorescent	5%	2031	**	10	\$300		
	Other Observation, Extent : Modera Location : Kitchen	ate, Area Affected	: 100%				
F1	Explanation : Compact Fluoresce		* *	10	¢4.600		
Fluorescent	85% Other Observation, Extent : Modero	2031		10	\$4,600		
	Location: 1st And 2nd Floors	не, лгеи пујества	. 100/0				
	Explanation: T-8 Lamps						
Exterior Lighting	эмрининон . 1-0 імпрэ						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 308

Asset #: 13193

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		• • • • •				
Natural Gas	100%		2043	* *	1		
Conversion Equipment Steam Boiler	100%		2040	* *	1	\$5,900	
Steam Boller	Other Observation, Ex	tent · Light Area			1	\$3,900	
	Location : Basement	_	Пуссиси	. 10070			
	Explanation: 1 Unit						
Distribution	1						
Central Plant Steam	100%		2033	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2028	\$29,800	1	\$1,900	
Air Conditioning							
Energy Source	1000/		2021	* *	1		
Electricity	100%		2031		1		
Conversion Equipment Window/Wall Unit	50%		2019	\$5,800	1		
No Component	50%		2019	\$5,600	1		
Ventilation	3070						
Exhaust Fans							
Interior	15%		2023	\$3,000	2		
No Component	85%						
Plumbing							
H/C Water Piping				*			
Brass/Copper	100% Now	\$8,300	2023	\$41,500	1		
	Corroded, Extent : Sev Location : Basement	ere, Area Affecteo	1:20%				
Water Heater	Location . Basement						
Gas Fired	100%		2022	\$3,400	2	\$100	
Gas i nea	Other Observation, Ex	tent : Light, Area			2	Ψ100	
	Location : Basement		55				
	Explanation: (1) 75	Gallon Unit					
Sanitary Piping							
Cast Iron	100% Now	\$4,100	LIFE	* *	1		
	Corroded, Extent: Sev		d: 20%				
	Location : Basement						
Storm Drain Piping	1000/						
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	1000/		2010	ΦΩΩΩ	4	#200	
Non-Submersible	100%		2019	\$800	4	\$200	
Fixtures Generic	100%						
Generic	10070						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 309/LADDER CO. 159

Address : 1851 EAST 48th STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.309 / 13194 Yr Built/Renovated : 1927 /

Area Sq Ft : 4,930 Project Type : FIRE DEPARTMENT

Date of Survey : 29-May-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Importance Code C

Total

Block : 8488 Lot : 16 BIN : 3239495

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$211,800	
Interior Architecture	\$151,600	
Site Pavements	\$43,000	
Total	\$406,400	
Importance Code A	\$211,800	
Importance Code B	\$151,600	
Importance Code C	\$43,000	
Total	\$406,400	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$80,500		\$9,700	_
Interior Architecture	\$56,500			\$400
Electrical	\$18,600		\$17,500	\$27,000
Mechanical	\$5,800	\$600	\$3,700	\$600
Site Enclosure	\$26,600			
Site Pavements	\$13,900			
Total	\$201,900	\$700	\$30,900	\$28,100
Importance Code A	\$81,000	\$500	\$10,200	\$500
Importance Code B	\$43,600	\$200	\$20,700	\$27,600

\$700

\$30,900

\$28,100



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

\$77,300

\$201,900

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13194

chitecture	Current Repair Future Replacement			M				
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Exterior Walls Masonry: Brick		Now Crumbling,	\$175,300 Extent: Light, Are	LIFE ea Affecte	* * ed : 5%	5	\$19,400	
	Location: Throughout Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: South Facade Spalling, Extent: Moderate, Area Affected: 20%							
	Location	: South Fo						
		: Through						
Masonry: Limestone	Cracking/C Location	: Main Fa	\$28,200 Extent : Moderate cade West p, Extent : Severe, A	-	-	5	\$1,900	
		ım surjace : 2nd Floc		неа Ајје	ciea . 270			
Wood Overhead Doors	15%			2036	* *	5	\$19,400	
Windows Aluminum			\$15,500 eents, Extent : Mode	2039 erate, Ar	* * rea Affected : 20%	5	\$900	
Parapets	Locuiton	· Imougn						
Cast Stone/Terra Cotta	Cracking/C Location Jnt Mortar	: Through	l, Extent : Light, A			5	\$4,300	
Masonry: Brick	70% Jnt Mortar Location Spalling, E	Now Miss/Eroc : South Fo	\$22,600 d, Extent : Moderat icade derate, Area Affect			5	\$1,300	
Roof								
Built-Up (BUR)	Location	: Through						
	-	ked, Extent : Through	: Moderate, Area . out	Affected	: 40%			

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13194

rchitecture	Current Repair Future Replacement			nt Maintenance		
stem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior						
Floors Cast in Place Concrete	50% Now \$ Other Observation, Extent : M. Location : Throughout Explanation : Steel Columns			5	\$9,200	
Ceramic Tile	5% Now Cracking/Crumbling, Extent: Location: Throughout	\$800 2032	* *	5 5	\$200	
Quarry Tile	5% Now Cracking/Crumbling, Extent: Location: Throughout	\$1,200 2036 Light, Area Affected	* * d : 20%	5	\$300	
Vinyl Tile	40% Now Cracking/Crumbling, Extent: Location: Throughout	\$5,700 2028 Severe, Area Affect	\$28,500 red: 30%	3	\$1,300	
Interior Walls						
Cast in Place Concrete	20% Now \$ Cracking/Crumbling, Extent: Location: Throughout	S14,600 LIFE Light, Area Affecte	* * d : 10%			
Gypsum Board	20% Now Cracking/Crumbling, Extent: Location: Throughout	\$500 LIFE Light, Area Affecte	* * d : 10%	5	\$1,400	
Plaster	30% Now Cracking/Crumbling, Extent: Location: Ladder To Roof Paint Peeling, Extent: Severe			5	\$1,000	
	Location : Ladder To Roof A		, ,			
SGFT/Glazed Masonry	30% Now \$ Cracking/Crumbling, Extent: Location: Throughout	613,400 LIFE Light, Area Affecte	* * d : 10%			
Ceilings AcousTileSusp.Lay-In	30% Now Cracking/Crumbling, Extent: Location: Throughout	\$2,000 2036 Light, Area Affected	* * d : 10%	5	\$1,300	
Exposed Concrete	40% Now \$1 Exposed Reinforcement, Exter Location: Cellar Loose/Delam Surface, Extent Location: Cellar Spalling, Extent: Severe, Area Location: Cellar	: Severe, Area Affec		5	\$500	
Plaster	30% Now Cracking/Crumbling, Extent: Location: Ladder To Roof Paint Peeling, Extent: Severe Location: Ladder To Roof A	, Area Affected : 40		5	\$1,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 309/LADDER CO. 159

Asset #: 13194

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain link	30%	Now	\$9,800	2053	* *			
	Corrosion	/Rusting, Exten	t : Severe, Are	a Affecte	d: 100%			
	Location	: Throughout						
Wood	70%	Now	\$16,800	2028	\$16,800			
	Broken/Mi	issing Elements	, Extent : Seve	re, Area	Affected : 5%			
	Location	: Wood Fence	Attached To C	Chain linh	k Gate			
	Impact Da	mage, Extent :	Severe, Area A	Affected :	40%			
	Location	: Wood Fence	Attached To C	Chain link	k Gate			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$13,900	2043	* *			
	Cracking/	Crumbling, Ext	ent : Severe, A	rea Affe	cted : 100%			
	Location	: Throughout						
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$43,000	2043	* *			
	Cracking/	Crumbling, Ext	ent : Severe, A	rea Affe	cted : 100%			
	Location	: Throughout						

Electrical	Current Repair	Future R	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Obsolete Equipment, Extent : S	evere, Area Affected	: 100%			
	Location: Basement					
	Other Observation, Extent: Mo	oderate, Area Affected	d: 100%			
	Location: Basement					
	Explanation: One 200 Ampe	res Main Disconnect	Switch			
Raceway						
Conduit	80%	2023	\$25,000	1		
Conduit	20%	2049	* *	1		
Panelboards						
Fused Disc Sw	10%	2022	\$3,800	5		
Molded Case Bkrs	60%	2022	\$23,100	5	\$100	
Molded Case Bkrs	30%	2045	* *	5		
Wiring						
Thermoplastic	80%	2023	\$22,200	1		
Thermoplastic	20%	2049	* *	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,400	5		
Ground			-			
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13194

lectrical	Current Repair		Future Replacement		Maintenance			
vstem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ghting								
Interior Lighting								
Fluorescent	70%	2031	* *	10	\$3,200			
	Other Observation, Extent: Moder	rate, Area Affe	cted : 100%					
	Location: 1st And 2nd Floors							
	Explanation: T-8 Lamps							
Fluorescent	30%	2028	\$4,000	10	\$1,400			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Basement							
	Explanation: T-8 Lamps							
Egress Lighting								
Emergency, Service	35%	2031	* *	1				
Emergency, Service	15%	2028	\$400	1				
No Component	50%							
Exterior Lighting								
HID	100%	2019	\$18,600	10				

Mechanical	Current Re	pair Futu	re Replacement	M		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$4,900	
	Other Observation, Ext	tent : Light, Area Affecte	d: 100%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2033	* *	4	\$200	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$24,700	1	\$1,600	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	50%	2019	\$4,800	1		
No Component	50%					
Ventilation						
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$500	
No Component	80%					
Exhaust Fans						
Roof	40%	2031	* *	2	\$100	
Wall Unit	25%	2023	\$400	2		
No Component	35%		·			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13194

Mechanical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2021	\$2,800	2	\$100	
	Other Observation, Extent : Light	t, Area Affected : 100	0%			
	Location: Basement					
	Explanation: 2 Units / 74 Gallo	ons				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100% Now \$	200 2019	\$200	4	\$100	
	Not in Service, Extent : Severe, A	rea Affected : 100%				
	Location : Pit Filled With Wate	r				
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 310/LADDER CO. 174 Address : 5105 SNYDER AVENUE @ E. 51 ST

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 5,874 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4699 Lot : 40 BIN : 3102909

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$151,400	
Interior Architecture	\$36,800	
Electrical	\$48,800	\$38,500
Total	\$237,100	\$38,500
Importance Code A	\$151,400	
Importance Code B	\$85,600	\$38,500
Total	\$237,100	\$38,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$53,000	\$800		
Interior Architecture	\$51,000			\$1,000
Electrical	\$7,000			\$14,400
Mechanical	\$13,100	\$1,100	\$1,600	\$4,500
Site Enclosure	\$24,900			
Site Pavements	\$3,400			
Total	\$152,400	\$2,000	\$1,600	\$19,900
Importance Code A	\$58,400	\$1,400	\$600	\$600
Importance Code B	\$21,900	\$500	\$1,100	\$19,300
Importance Code C	\$72,100			
Total	\$152,400	\$2,000	\$1,600	\$19,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13195

Architecture	Current Repair		Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	000/ 37	0151 100	, in		_	016000	
Masonry: Brick	80% Now Other Observation, E Location: Main Fa Explanation: Linte	cade At Door			5 Bulging	\$16,800 And Cracked	
Masonry: Limestone	5%		LIFE	* *	5	\$800	
Metal Sect. OHD	15% Other Observation, E Location: Front W Explanation: Recei	all	2044 Affected	* * : 100%	5	\$9,800	
Windows	Expression: Reces	ii Reptacement					
Aluminum	100%		2040	* *	5	\$1,700	
Parapets						4-,,,,	
Cast Stone/Terra Cotta	10% 0-2 Cracking/Crumbling, Location: Through		LIFE ea Affecte	* * d : 10%	5	\$1,600	
Masonry: Brick	85% Now	\$30,400	LIFE	* *	5	\$1,800	
	Location: Through Vertical Cracks, Exte Location: Through	nt : Moderate, Are	a Affecte	d : 60%			
Masonry: Limestone	5%		LIFE	* *	5	\$100	
Roof Built-Up (BUR)	100% 0-2 Alligatoring, Extent: Location: Through Ponding, Extent: Mo Location: Main Ro	out derate, Area Affec	-				
nterior							
Floors	200/		LIPP	ala -i-	-	#A # AA	
Cast in Place Concrete	30% Recent Replace Evide Location : Through		LIFE Area Affe	ected : 100%	5	\$9,700	
Ceramic Tile	10%		2039	* *	5	\$1,500	
	Recent Replace Evide Location : Through	_	Area Affe	ected : 100%			
Quarry Tile	5%		2044	* *	5	\$1,100	
	Recent Replace Evide Location : Through		Area Affe	ected : 100%			
Vinyl Tile	55%		2034	* *	3	\$4,100	
	Recent Replace Evide Location : Through	_	Area Affe	ected : 100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13195

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	\$600	
		place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%			
Gypsum Board	5%			LIFE	* *	5	\$400	
Plaster	40%	Now	\$15,500	LIFE	* *	5	\$1,500	
			xtent : Severe, Are or Locker Room	a Affecte	d : 10%			
SGFT/Glazed Masonry	30%	2-4	\$28,000	LIFE	* *			
		Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 20%			
Ceilings								
AcousTileSusp.Lay-In	_		\$4,900 Extent : Light, Are out	2037 ea Affecto	* * ed : 30%	5	\$1,500	
Plaster	Water Per		\$36,800 Extent : Severe, Area or Locker Room - T			5	\$3,500	
Site Enclosure								
Fence/Gates								
Chain link			\$24,900 nents, Extent : Seve out	2054 re, Area	* * Affected : 100%			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	_		\$1,600 Extent : Severe, A out	2037 rea Affec	* * cted : 30%			
Parking/Driveway								
Cast in Place Concrete	_		\$1,700 Extent : Light, Are out	2037 ea Affecte	* * ed : 10%			

Electrical		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	\$4,800	2054	* *	5		
	Other Obse	ervation, Exte	ent : Moderate, A	Area Affe	ected : 100%			
	Location	: Basement E	Electrical Room					

Explanation: 200 Amperes Switch Has Outside Enclosure Rust, Not Penetrating Metal

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Cabinet

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13195

Electrical	Current Repair	Future Replac	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Switchgear / Switchboard Molded Case Bkrs	100% 2-4 \$48,80	00 2054	* *	5	\$100		
Worded Case Dais	Other Observation, Extent : Modera		00%	3	ψ100		
	Location : Basement Electric Room	•••					
	Explanation: External Rust On Co	abinet					
Raceway							
Conduit	80%	2024	\$25,000	1			
Conduit	20%	2044	* *	1			
Panelboards							
Molded Case Bkrs	100%	2023	\$38,500	5	\$200		
Wiring	1000/	2024	#25 5 00				
Thermoplastic	100%	2024	\$27,700	1			
Motor Controllers	1000/	2022	Φ1.4.400	_			
Locally Mounted	100% Other Observation, Extent: Modera		\$14,400	5			
	Location : Basement Boiler Room	не, Агеа Ајјества . То	0070				
	Explanation: Controls For Heating	10 System					
Ground	Explanation . Controls 1 of Heati	ig bysicm					
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
	Other Observation, Extent : Modera	ite, Area Affected : 10	00%				
	Location: Basement						
	Explanation : Water Main						
Lighting							
Interior Lighting							
Fluorescent	90%	2034	* *	10	\$4,800		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Throughout Firehouse	,					
El .	Explanation: T-8 Lamps Installed		Φ1. COΩ	10	Φ.7.0.0		
Fluorescent	10%	2019	\$1,600	10	\$500		
Exterior Lighting	100%	2024	¢22 100	10			
HID	100%	2024	\$22,100	10			

Mechanical	Current Repa	air Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Steam Boiler	100%	2037	* *	1	\$5,800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13195

Mechanical		Current I	Repair	Futui	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution	1000/	0.0	ФО 200	2024	* *	4	Ф200	
Central Plant Steam	100%	0-2	\$9,300	2034	* *	4	\$300	
Piping/Pmp	Other Ohe	amation E	Extent : Moderate, A	Aroa Aff	noted · 50%			
		ervanon, E e: First Flo		<i>пеи А</i> ује	ectea . 5070			
				ne To Ti	vo Pipe System. Th	is Chang	oe Is Causino	
			pper Floor	pc 10 11	vo 1 ipe 5ysiem. 11i	is chang	ge 15 Causing	
Terminal Devices			11					
Convector/Radiator	100%			2029	* *	1	\$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2034	* *			
			Extent : Light, Area	Affected	l : 10%			
		: Kitchen						
Window/Wall Unit	20%			2019	\$2,300	1		
No Component	70%							
Ventilation								
Distribution	2.50/				ماد ماد	2.5	# 000	
Ductwork/Diffusers	25%			LIFE	**	2-5	\$800	
Ductwork/Diffusers	25%			LIFE	* *	2-5	\$800	
No Component	50%							
Exhaust Fans Roof	25%	0-2	\$200	2024	\$2,300	2		
Kooi			nt : Moderate, Ared			2		
	-	_	e Toilet Exhaust Fo		u . 2370			
Roof	50%	. Dejectiv	2 Tottet Estitutist Te	2032	* *	2	\$100	
Wall Unit	25%			2032	* *	2 2	\$100	
Plumbing	23/0			2032				
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater	10070							
Gas Fired	100%			2022	\$3,400	2	\$100	
		ervation, E	Extent : Severe, Are				,	
	Location	: Cellar						
	Explana	tion : One	74 Gallon Unit / O	ld Unit R	emaining In Corne	er		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	\$200	4	\$200	
Backflow Preventer								
Generic	100%			2029	* *	1	\$400	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 310/LADDER CO. 174

Asset #: 13195

Mechanical	Current Re	pair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Cstimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Chemical System Generic	100%	2024	\$1,900	1-3	\$3,700	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 311/LADDER CO. 158
Address : 145-50 SPRINGFIELD BOULEVARD

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.311 / 13196 Yr Built/Renovated : 1927 / 2006

Area Sq Ft : 5,780 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 13361 Lot : 200 BIN : 4286093

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$114,900
Interior Architecture	\$72,400	
Electrical	\$30,800	\$48,800
Total	\$103,200	\$163,700
Importance Code A		\$114,900
Importance Code B	\$103,200	\$48,800
Total	\$103,200	\$163,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,600		\$2,600	
Interior Architecture	\$94,300			\$600
Electrical	\$65,200		\$14,400	\$100
Mechanical	\$4,800	\$800	\$12,600	\$4,100
Total	\$175,800	\$800	\$29,700	\$4,800
Importance Code A	\$13,300	\$600	\$3,200	\$600
Importance Code B	\$133,400	\$200	\$26,500	\$4,200
Importance Code C	\$29,000			
Total	\$175,800	\$800	\$29,700	\$4,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13196

Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	70%			LIFE	* *	5	\$14,800		
Masonry: Granite	2%			LIFE	* *	5	\$300		
Masonry: Limestone	8%			LIFE	* *	5	\$1,300		
Stucco Cement	10%			2036	**	5	\$5,300		
Wood Overhead Doors	10%		\$3,300	2028	\$66,600	5	\$5,300		
		issing Elem : Through	nents, Extent : Ligh out	t, Area A	ffected : 10%				
Windows Aluminum	100%	0-2	\$7,400	2039	* *	5	\$900		
Alummum	Broken/M		nents, Extent : Ligh		ffected : 20%	3	\$900		
Parapets									
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,400		
Masonry: Brick	90%			LIFE	* *	5	\$1,600		
Roof									
Modified Bitumen	97%			2028	\$48,300	10	\$8,300		
Skylight, Metal/Glass	3%			2049	* *	10	\$900		
Interior									
Floors									
Cast in Place Concrete		Now	\$21,600	LIFE	* *	5	\$7,600		
	_	_	Extent : Moderate	-	-				
			usfloor And Ceiling						
		ervation, E : Apparati	Extent : Severe, Are us Floor	a Affecte	ed : 100%				
	Explana	tion : Struc	turally Insufficient						
Ceramic Tile	5%			2032	* *	5	\$400		
Quarry Tile	15%	0-2	\$3,700	2036	* *	5	\$1,000		
	_	Crumbling, : Through	, Extent : Light, Are out	ea Affect	ed : 10%				
Vinyl Tile	Cracking/	Now Crumbling, : Through	\$8,800 , Extent : Severe, A	2019 rea Affec	\$29,400 cted : 40%	3	\$1,300		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13196

Architecture	Cur	rent Repai	r	Future	Replacement	M	aintenance	
System Component Type	% of Fail Total (Ye	Date Esti ears)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	20% 0- Cracking/Crum	_	\$15,600 nt : Light, Ar	LIFE ea Affecte	* * d : 10%			
	Location : Th		0 /	33				
Ceramic Tile	5% 0-	-2	\$1,700	2032	* *	5	\$300	
	Cracking/Crum Location: The	_	nt : Moderate	e, Area Af	fected : 20%			
Plaster	45% 0-		\$4,500	LIFE	* *	5	\$1,700	
	Cracking/Crum Location: The	-	nt : Light, Ar	ea Affecte	ed : 10%			
	Water Penetrate Location: The		: Light, Area	Affected	: 10%			
SGFT/Glazed Masonry	30% 0- Cracking/Crum Location : The	bling, Exte	\$7,200 nt : Light, Ar	LIFE ea Affecte	* * d : 10%			
Ceilings								
AcousTileSusp.Lay-In	5% 0- Cracking/Crum Location : Thi	bling, Exte	\$1,800 nt : Severe, A	2028 rea Affec	\$3,600 ted : 60%	5	\$200	
Exposed Concrete	25% No Other Observat Location : Un	ion, Extent				5	\$400	
	Explanation:	Structurali	y Insufficient					
Exposed Concrete	30%			LIFE	* *	5	\$400	
Plaster	40%			LIFE	* *	5	\$2,300	

lectrical	Current Repair	Futur	e Replacement	Maintenance			
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	2023	\$4,800	5	\$200		
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%				
	Location: Basement						
	Explanation : No Rating Available						
Switchgear / Switchboard							
Molded Case Bkrs	100%	2023	\$48,800	5	\$200		
Raceway							
Conduit	20%	2049	* *	1			
Conduit	80%	2023	\$25,000	1			
Panelboards							
Molded Case Bkrs	20%	2045	* *	5			
Molded Case Bkrs	80%	2022	\$30,800	5	\$100		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13196

Electrical	Current Rep	air	Futur	e Replacement	М	aintenance			
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts									
Wiring									
Braided Cloth	80% 0-2	\$22,200	2048	* *	1				
	Insulation Aged, Extent : Location : Throughout		ffected :	100%					
Thermoplastic	20%		2049	* *	1				
Motor Controllers									
Locally Mounted	100%		2021	\$14,400	5				
Ground									
Grounding Devices									
Generic	100%		LIFE	* *	5	\$100			
	Other Observation, Externation : Basement Explanation : Water M		Area Affe	ected : 100%					
Lighting	-								
Interior Lighting									
Fluorescent	95% Now	\$4,500	2019	\$14,900					
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Throughout								
	Explanation: T-8 And	T-12							
Incandescent	5%		2019	\$1,900	2				
Exterior Lighting									
HID	100%		2019	\$21,800	10				

Mechanical	C	Current Repair	rrent Repair Future F		M	aintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%	Now \$1,700	2036	* *	1	\$5,100	
	Corroded, Ex	xtent : Moderate, Area Aff	ected : 5%	ó			
	Location:	Basement					
Distribution							
Central Plant Steam	100%		2033	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2028	\$28,900	1	\$1,900	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	100%		2021	\$11,300	1		
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13196

echanical		Current Repai	r	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ntilation								
Exhaust Fans								
Interior	100%			2023	\$19,200	2	\$200	
ımbing								
H/C Water Piping								
Galvanized Steel	100%			2028	\$23,700	1		
Water Heater								
Gas Fired	100%			2022	\$3,300	2	\$100	
	Other Obse	rvation, Extent	: Light, Area	Affected	: 100%			
	Location	: Basement						
	Explanati	on: 2 Units						
Sanitary Piping								
Cast Iron	100%	Now	\$2,000	LIFE	* *	1		
	Leak Evide	nt, Extent : Mo	derate, Area A	Affected :	15%			
	Location	: Basement Wh	en It Rains					
Storm Drain Piping								
Cast Iron	100%	Now	\$600	LIFE	* *	1		
	Leak Evide	nt, Extent : Mo	derate, Area A	Affected :	10%			
	Location	: Basement, Hi	gh Water Tab	le				
Sump Pump(s)								
Submersible	100%			2019	\$200	4	\$200	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 312 Address : 22-63 35th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.312 / 13197 Yr Built/Renovated : 1928 /

Area Sq Ft : 4,590 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 822 Lot : 7 BIN : 4016405

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$73,700
Total		\$73,700
Importance Code A		\$73,700
Total		\$73,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,200			
Interior Architecture	\$16,900		\$100	\$700
Electrical	\$100	\$100	\$4,200	
Mechanical	\$1,100	\$600	\$5,100	\$3,200
Total	\$43,200	\$700	\$9,400	\$4,000
Importance Code A	\$25,700	\$500	\$500	\$500
Importance Code B	\$14,700	\$200	\$8,900	\$2,900
Importance Code C	\$2,900			\$600
Total	\$43,200	\$700	\$9,400	\$4,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 312

Asset #: 13197

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$12,900	
Masonry: Granite	8%			LIFE	* *	5	\$1,000	
Masonry: Limestone	10%	0-2	\$18,800	LIFE	* *	5	\$1,300	
	_	Crumbling, : Through	Extent : Light, Ard out	ea Affect	ed : 20%			
Wood Overhead Doors	7%	0-2	\$3,800	2028	\$38,000	5	\$3,000	
		ed Finish, : Through	Extent : Light, Are out	a Affecte	d : 20%			
Windows								
Aluminum	100%			2039	* *	5	\$400	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$500	
Masonry: Brick	90%			LIFE	* *	5	\$600	
Roof								
Modified Bitumen	95%			2028	\$35,600	10	\$6,100	
Skylight, Metal/Glass	5%	0-2	\$2,400	2033	* *			
			ents, Extent : Ligh	t, Area A	ffected : 5%			
	Location	: Through	out					
nterior								
Floors	- 00/		44.000		ماد ماد	_	4	
Cast in Place Concrete	50%	0-2	\$1,800	LIFE	* *	5	\$7,500	
		Crumbling, : Through	Extent : Light, Ard out	ea Affect	ed : 10%			
Ceramic Tile	13%	0-2	\$900	2032	* *	5	\$400	
	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 5%			
	Location	: Through	out					
Terrazzo	4%	0-2	\$600	LIFE	* *	5	\$200	
	Cracking/	Crumbling,	Extent : Light, Are		ed : 10%	-	4-00	
	_	: Through	_	55				
Traffic Topping	20%	Now	\$900	2023	\$17,000	5	\$900	
Traine Topping	Cracking/		Extent : Light, Are			3	Ψ700	
Vinyl Tile	13%	Now	\$7,600	2033	* *	3	\$300	
,	_		Extent : Severe, A		rted : 50%	3	Ψ500	
	_	: Through						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 312

Asset #: 13197

Architecture		Current Rep	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	25%			LIFE	* *			
Ceramic Tile	13%			2032	* *	5	\$1,200	
Gypsum Board	10%	0-2	\$200	LIFE	* *	5	\$600	
	_	Crumbling, Ext : Throughout	tent : Light, Are	ea Affecto	ed : 5%			
Marble Panels	7%	0-2	\$2,700	LIFE	* *			
		Crumbling, Ext : Throughout	tent : Light, Are	ea Affecti	ed : 10%			
Plaster	25%			LIFE	* *	5	\$700	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	7%	Now	\$2,300	2028	\$3,900	5	\$200	
	Cracking/Crumbling, Extent: Severe, Area Affected: 80% Location: Female Bathroom							
AcousTileSusp.Lay-In	3%			2036	* *	5	\$200	
Exposed Struc: Steel	30%			LIFE	* *	3	Ψ200	
Gypsum Board	20%			LIFE	* *	5	\$1,700	
Plaster	40%			LIFE	* *	5	\$1,700	

Electrical	Current Repair	Future Rep	olacement	М	aintenance					
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts										
Service Equipment										
Molded Case Bkrs	100%	2049	* *	5	\$100					
	Other Observation, Extent : Modera	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Basement									
	Explanation : No Rating Available	?								
Switchgear / Switchboard										
Fused Disc Sw	100%	2049	* *	5						
Raceway										
Conduit	100%	2033	* *	1						
Panelboards										
Molded Case Bkrs	100%	2045	* *	5	\$100					
Wiring										
Thermoplastic	100%	2033	* *	1						
Motor Controllers										
Locally Mounted	100%	2040	* *	5						
Ground										
Grounding Devices										
Generic	100%	LIFE	* *	5	\$100					
	Other Observation, Extent : Modera	ate, Area Affected :	100%							
	Location: Basement									
	Explanation: Water Main									

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 312

Asset #: 13197

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	99%	2031	* *	10	\$4,200	
	Other Observation, Extent : Modera	te, Area Affec	ted : 100%			
	Location : Throughout					
	Explanation: T-8 And T-12 Lamps	7				
Incandescent	1%	2023	\$300	2		
Egress Lighting						
Exit, Service	100%	2028	\$500	1		
Exterior Lighting						
HID	100%	2028	\$17,300	10		

Mechanical	C	Current Repair		e Replacement	М	aintenance	
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$4,600	
		vation, Extent : Light, Area	Affected	! : 100%			
	Location : I	Basement					
	Explanation	ı: 1 Unit					
Distribution							
Central Plant Steam	100%		2043	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2036	* *	1	\$1,500	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	50%		2021	\$4,500	1		
No Component	50%						
Ventilation							
Distribution							
Ductwork/Diffusers	15%		LIFE	* *	2-5	\$400	
No Component	85%						
Exhaust Fans							
Roof	15%		2028	\$1,100	2		
Wall Unit	10%		2023	\$200	2		
No Component	75%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 312

Asset #: 13197

lechanical	Current Repair		Future Replacement		Maintenance		
vstem Component Type	% of Fail Date Estim Total (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing							
Water Heater							
Gas Fired	100%		2022	\$2,600	2	\$100	
	Other Observation, Extent:	Light, Area A	ffected	: 100%			
	Location: Basement						
	Explanation: Two 75 Gall	on Units					
Sanitary Piping							
Cast Iron	100%]	LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100% Now	\$200	LIFE	* *	1		
	Blockage /Clogged, Extent:	Severe, Area	Affecte	ed : 10%			
	Location : Water Backs Up						
Sump Pump(s)							
Submersible	100%		2019	\$100	4	\$100	
Fixtures							
Generic	100%						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 313/LADDER CO. 164

Address : 44-01 244th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.313 / 13198 Yr Built/Renovated : 1929 /

Area Sq Ft : 6,942 Project Type : FIRE DEPARTMENT

\$119,300

Date of Survey : 22-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Total

Block : 8112 Lot : 192 BIN : 4168901

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$77,700
Electrical		\$71,800
Total		\$149,500
Importance Code A		\$77,700
Importance Code B		\$71,800
Total		\$149,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,600			
Interior Architecture	\$43,000	\$400	\$900	\$400
Electrical	\$34,000	\$500	\$400	\$400
Mechanical	\$15,600	\$900	\$900	\$900
Total	\$119,300	\$1,800	\$2,300	\$1,700
Importance Code A	\$32,100	\$700	\$700	\$700
Importance Code B	\$65,900	\$1,100	\$1,600	\$600
Importance Code C	\$21,300			\$400

\$1,800

\$2,300

\$1,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13198

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	100/			2022	at. at.	10	4000	
Alum/Vinyl Siding	10%			2033	* *	10	\$800	
Masonry: Brick Masonry: Limestone	80% 5%			LIFE LIFE	* *	5 5	\$19,400 \$900	
Wood Overhead Doors	5% 5%			2028	\$38,300	5	\$6,100	
Windows	370			2020	\$30,300		\$0,100	
Aluminum	100%	0-2	\$3,500	2045	* *	5	\$800	
	Ctrwt/Bali		ct, Extent : Modero		Affected : 10%		4000	
Parapets								
Cast Stone/Terra Cotta	20%	0.0	#20.000	LIFE	* *	5	\$3,500	
Masonry: Brick	Location Spalling, I	: Through Extent : Mo	\$20,900 Extent : Moderate out Parapet derate, Area Affect out Parapet		-	5	\$1,800	
Roof								
Asphalt Shingle		_	\$1,200 ings, Extent : Mod sphalt Roof Meets					
Modified Bitumen	10%	0-2	\$1,000	2023	\$4,900			
	_	n Growth, I : Lower R	Extent : Moderate, . oof	Area Aff	ected: 25%			
Modified Bitumen	70%			2023	\$34,400	10	\$5,900	
Interior								_
Floors Cast in Place Concrete			Extent : Moderate, 1	LIFE Area Affe	* * ected : 15%	5	\$12,700	
		: Front Of						
		tion : Wate	r Stains / Damage		Water Penetrations			
Ceramic Tile	10%			2026	\$20,500	5	\$1,100	
Quarry Tile	5%			2036		5	\$800	
Vinyl Tile Interior Walls	30%			2023	\$26,900	3	\$1,200	
Cast in Place Concrete	Water Per	Now netration, E net: Basemen	\$18,400 Extent : Moderate, A	LIFE Area Affe	* * ected : 20%			
Ceramic Tile	5%			2032	* *	5	\$700	
Plaster	Water Per	Now etration, E : 2nd Floo	\$2,900 Extent : Moderate, A	LIFE Area Affe	* * ected : 25%	5	\$2,200	
SGFT/Glazed Masonry	25%		•	LIFE	* *			
551 1/ Stazed Masonly	23/0			<u></u>				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13198

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$5,100	2040	* *	5	\$500	
	Worn/Eroc	ded, Extent	: Moderate, Area	Affected	: 100%			
	Location	: Kitchen						
Exposed Concrete	25%			LIFE	* *	5	\$400	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	40%	Now	\$16,600	LIFE	* *	5	\$2,600	
	Water Pen	etration, E.	xtent : Severe, Are	a Affecte	d: 20%			
	Location	: 2nd Floo	r Back And Engin	e Office				

ectrical	Current Repair	Future Replacement	Maintenance				
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts							
Service Equipment							
Molded Case Bkrs	100% 0-2 \$4,800	2053 **	5	\$100			
	Enclosure Corroded, Extent: Moderate						
	Location: Basement Electrical Servic						
	Suspect Water Damage, Extent: Moder	•••					
	Location: Basement Electrical Servic	e Area					
Raceway							
Conduit	25% 0-2 \$7,800	2053 **	1				
	Corroded, Extent : Moderate, Area Affe	ected : 25%					
	Location: Basement						
	Covers Missing, Extent : Moderate, Are	a Affected : 25%					
	Location: Basement						
Conduit	75%	2043 **	1				
	Other Observation, Extent : Light, Area	Affected : 100%					
	Location: 1st And 2nd Floors						
	Explanation: Showing Wear Due To	Regular Usage					
Panelboards							
Molded Case Bkrs	50% 0-2 \$19,200	2048 **	5				
	Enclosure Corroded, Extent: Moderate	. 55					
	Location: Basement Electrical Servic	e Area					
	Suspect Water Damage, Extent : Moder						
	Location: Basement Electrical Servic	e Area					
Molded Case Bkrs	50%	2039 **	5	\$100			
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: 2nd Floor By Stair. Access	s Obstructed.					
	Explanation: Showing Wear Due To	Regular Usage					
Wiring							
Thermoplastic	100%	2033 **	1				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 313/LADDER CO. 164

Asset #: 13198

Electrical	Current Repair	Future Replacem	ent N	l aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated FY	Cost Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Motor Controllers					
Locally Mounted	100%		,400 5		
	Other Observation, Extent : Light, Are	ea Affected : 100%			
	Location: 1st Floor Roll- Up Gate				
	Explanation: Showing Wear Due To	o Regular Usage			
Stand-by Power					
Batteries Not Accessible	100%				
Not Accessible	- * *	as Affactad . 00/			
	Other Observation, Extent : Light, Ard Location : 1st Floor - Voice Alarm 1	55			
	Explanation: Showing Wear Due To				
Lighting	Explanation . Showing wear Due 10	Keguar Osage			
Interior Lighting					
Fluorescent	9% Now \$1,700	2033	* *		
11401850010	Damaged Fixtures, Extent : Moderate Location : Throughout The Building	, Area Affected : 10%			
Fluorescent	43%	2028 \$8	,100 10	\$2,700	
	T-8 Lamps And Fixtures, Extent : Ligi Location : Throughout		*	. ,	
Fluorescent	43%	2028 \$8	,100 10	\$2,700	
	T-12 Lamps And Fixtures, Extent : Lig Location : Throughout	ght, Area Affected : 100	%		
Incandescent	5%	2023 \$2	,200 2		
Exterior Lighting					
HID	100%	2023 \$26	,200 10		
Alarm					
Fire/Smoke Detection					
Generic	100%		,800 1-3	\$4,300	
	Local/Battery Operated Detect, Exten				
	Location: Basement And 2nd Floor	Entrance To Sleeping H	Room		

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$6,900	
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$500	
Terminal Devices							
Convector/Radiator	100%		2028	\$34,800	1	\$2,200	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13198

echanical	Current Repair	Futur	Future Replacement		Maintenance				
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Conditioning									
Conversion Equipment		• • • •	410.100						
Window/Wall Unit	75%	2019	\$10,100	1					
No Component	25%								
ntilation									
Exhaust Fans	2007	2022	# 4 600						
Interior	20%	2023	\$4,600	2					
No Component	80%								
mbing									
H/C Water Piping	1000/	2022	* *						
Brass/Copper	100%	2033		1					
	No Water Meter, Extent : L	ight, Area Affected : 1	100%						
	Location: Basement								
Water Heater	1000/	• • • •							
Gas Fired	100%	2019	\$4,000	2	\$100				
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Basement								
	Explanation: 2 - 75 Gall	on Units							
Sanitary Piping	1000/		ماد ماد						
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1					
Sump Pump(s)									
Submersible	100%	2019	\$200	4	\$200				
Sewage Ejector(s)									
Electric	100%	2023	\$1,900	4	\$400				
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%						
	Location: Basement								
	Explanation : Light Duty Cord	/ Serves Basement Ba	throom Only / Con	inected V	Vith Extension				
Backflow Preventer									
No Component	95%								
Generic	5%	2028	\$100	1					
	Other Observation, Extent	: Light, Area Affected	: 100%						
	Location: Basement								
	Explanation : Serves Boil	er Only							
Fixtures									

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 314

Address : 142-04 BROOKVILLE BOULEVARD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.314 / 13199 Yr Built/Renovated : 1929 /

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 06-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 13538 Lot : 15 BIN : 4287743

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$59,900	
Interior Architecture	\$102,700	
Total	\$162,600	
Importance Code A	\$59,900	
Importance Code B	\$102,700	
Total	\$162,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$13,700	_
Interior Architecture	\$84,600		\$1,400	\$300
Electrical	\$23,100		\$100	\$5,500
Mechanical	\$14,600	\$800	\$4,800	\$800
Total	\$122,300	\$800	\$20,000	\$6,700
Importance Code A	\$600	\$600	\$14,300	\$600
Importance Code B	\$106,400	\$200	\$5,100	\$6,100
Importance Code C	\$15,400		\$600	
Total	\$122,300	\$800	\$20,000	\$6,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 314

Asset #: 13199

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	0.50/	0.2	Φ 7 0.000	LIEE	* *	-	#10.000	
Masonry: Brick	85%	0-2	\$59,900 : Moderate, Area	LIFE		5	\$19,900	
		U	. Moderale, Area . cade Next To Door		. 570			
			Extent : Moderate, 1		ected : 5%			
	_		cade Next To Door		. 570			
Masonry: Granite	2%			LIFE	* *	5	\$400	
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Wood Overhead Doors	8%			2036	* *	5	\$9,400	
Windows							\$7,.00	
Aluminum	100%			2031	* *	5	\$1,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,600	
Masonry: Brick	90%			LIFE	* *	5	\$1,900	
Roof								
Modified Bitumen	100%			2031	* *	10	\$8,100	
Interior								
Floors	5.50 /	3.7	#20.400		* *	_	010.700	
Cast in Place Concrete		Now	\$30,400	LIFE		5	\$10,700	
	Cracking/Crumbling, Extent : Severe, Area Affected : 40% Location : Throughout							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Apparatus Floor Slab							
			turally Insufficient					
Ceramic Tile	10%			2036	* *	5	\$900	
Quarry Tile	4%			2036	* *	5	\$500	
Vinyl Tile	30%	0-2	\$6,800	2019	\$22,600	3	\$1,000	
,	Broken/Missing Elements, Extent: Moderate, Area Affected: 5%							
	Location: 2nd Floor Office At North / East							
	Worn/Eroe	led, Extent	: Moderate, Area	Affected	: 10%			
	Location	: 2nd Floo	or Offices					
Wood	1%			2051	* *	5	\$200	
Interior Walls								
Ceramic Tile	10%			2036	* *	5	\$1,200	
Gypsum Board	10%			LIFE	* *	5	\$700	
Masonry: Brick	20%	0-2	\$9,500	LIFE	* *			
		· Miss/Erod : Through	l, Extent : Light, A. out	rea Affec	eted : 10%			
Plaster	30%	0-2	\$5,900	LIFE	* *	5	\$1,100	
	Cracking/		Extent : Moderate		ffected : 20%			
SGFT/Glazed Masonry	30%			LIFE	* *			
551 1/Glazea Masolily	3070			LILE				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 314

Asset #: 13199

Architecture	Current Re	pair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
Exposed Concrete	60% Now	\$102,700	LIFE	* *	5	\$800	
	Cracking/Crumbling, E	Extent : Severe, A	rea Affec	ted : 40%			
	Location: Throughou	ıt					
	Other Observation, Ext	ent : Severe, Are	a Affected	d : 100%			
	Location: Cellar, Bei	low Apparatus Sl	ab				
	Explanation: Structu	rally Insufficient					
Metal Panel	10% 0-2	\$5,900	LIFE	* *	5	\$1,100	
	Broken/Missing Elemen	its, Extent : Ligh	t, Area Aj	ffected : 30%			
	Location : Throughou	ıt.					
Plaster	30% 0-2	\$3,500	LIFE	* *	5	\$1,700	
	Cracking/Crumbling, E	Extent : Light, Are	ea Affecte	ed : 20%			
	Location: Throughou	ıt.					

il Date Estimated Cost Vears) attion, Extent: Moderate, A assement : 200 Amperes	FY 2033	** ** ** **	5 5 1 5 5	\$200	Priority
asement	2033 2033	**	5		
asement	2033 2033	**	5		
asement	2033 2033	**	5		
asement	2033	**	1	\$200	
	2033	**	1	\$200	
: 200 Amperes	2033	**	1	\$200	
	2033	**	1	\$200	
	2033	**	1	\$200	
			5	\$200	
			5	\$200	
	2031	* *	5	\$200	
	2031	**	5	\$200	
	2022	\$5,500	1		
	2033	* *	1		
	TIEE	- de - de	-	Ф100	
e Erra M. L.			3	\$100	
	Агеа Ајјест	tea : 100%			
: water Main					
	2023	\$16,600	10	\$5,600	
ation Extent : Moderate		. ,	10	\$3,000	
	атей Ајјест	ea . 10070			
. 1 0 1 ma 1 12 Damps					
	2019	\$23 100	10		
	asement : Water Main	asement : Water Main 2023 ution, Extent : Moderate, Area Affect	ation, Extent: Moderate, Area Affected: 100% assement: : Water Main 2023 \$16,600 ation, Extent: Moderate, Area Affected: 100% throughout : T-8 And T-12 Lamps	asement: Moderate, Area Affected: 100% asement: Water Main 2023 \$16,600 10 ation, Extent: Moderate, Area Affected: 100% hroughout : T-8 And T-12 Lamps	asement: Moderate, Area Affected: 100% asement: Water Main 2023 \$16,600 10 \$5,600 ation, Extent: Moderate, Area Affected: 100% throughout : T-8 And T-12 Lamps

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 314

Asset #: 13199

lechanical Current Repai		pair Futu	re Replacement	Maintenance		
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source	1000/	2040	* *	1		
Natural Gas	100%	2049	* *	1		
Conversion Equipment Steam Boiler	Location: Basement	2036 ent : Light, Area Affected	* * 1 : 100%	1	\$6,100	
	Explanation: One Un	ıit				
Distribution Central Plant Steam Piping/Pmp	100%	2043	* *	4	\$500	
Terminal Devices Convector/Radiator	100%	2028	\$30,700	1	\$2,000	
Air Conditioning						
Energy Source Electricity	100%	2039	* *	1		
Conversion Equipment Window/Wall Unit	100%	2019	\$11,900	1		
Ventilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,400	
Exhaust Fans Interior	100%	2028	\$20,400	2	\$200	
Plumbing						
H/C Water Piping Brass/Copper	100%	2043	* *	1		
Water Heater Gas Fired	100% Other Observation, Ext Location : Basement Explanation : One Un	2021 ent : Light, Area Affected nit	\$3,500 1:100%	2	\$100	
Sanitary Piping	•					
Cast Iron	100% Now Blockage /Clogged, Ext Location : House Tra	\$800 LIFE tent : Moderate, Area Aff p	* * ected : 15%	1		
Storm Drain Piping Cast Iron	100% Now Blockage /Clogged, Ext Location : House Tra	\$600 LIFE tent : Moderate, Area Aff p	* * ected : 5%	1		
Sump Pump(s) Submersible	100%	2019	\$200	4	\$200	
Fixtures Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 315/LADDER CO. 125

Address : 159-06 UNION TURNPIKE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,948 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6854 Lot : 28 BIN : 4148377

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$136,900	
Total	\$136,900	
Importance Code A	\$136,900	
Total	\$136,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,900			
Interior Architecture	\$38,500		\$600	\$900
Electrical	\$9,400		\$14,400	\$38,600
Mechanical	\$16,300	\$800	\$1,300	\$4,200
Total	\$91,100	\$800	\$16,200	\$43,700
Importance Code A	\$27,500	\$600	\$600	\$600
Importance Code B	\$30,400	\$200	\$15,600	\$42,500
Importance Code C	\$33,300			\$600
Total	\$91,100	\$800	\$16,200	\$43,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13200

Architecture	Current Repai	r Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin	mated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls Cast Stone/Terra Cotta	5% 0-2	\$14,700 LIFE	* *	5	\$8,100	
Cast Stolle/ Terra Cotta	Jnt Mortar Miss/Erod, Exte Location: Throughout Fi	ent : Moderate, Area Aff		3	\$6,100	
Masonry: Brick	85% 0-2 Recent Repair Evident, Ext Location: Repointing Th Spalling, Extent: Light, Ar Location: Throughout Water Penetration, Extent Location: Around The Bo	roughout, 2012 rea Affected : 10% : Light, Area Affected :	10%	5	\$17,700	
Masonry: Granite	5% 0-2 Jnt Mortar Miss/Erod, Extended to Control of the Location: Throughout Fig. 1.	\$12,300 LIFE ent : Light, Area Affecte	* *	5	\$800	
Wood Overhead Doors	5%	2028	\$32,800	5	\$5,200	
Windows						
Aluminum	100% Now Ctrwt/Balnc Not Funct, Ex Location: Throughout Misaligned/Bulging, Exten Location: Throughout			5	\$1,000	
Parapets						
Cast Stone/Terra Cotta	10%	LIFE LIFE	* *	5	\$2,100	
Masonry: Brick	90% Recent Repair Evident, Ext Location: Repointing Th	5	\$2,400			
Roof		-				
Single Ply Membrane	100% Recent Replace Evident, E. Location: Throughout, 2	-	* * ted : 100%	10	\$8,500	
Interior						
Floors						
Cast in Place Concrete	55% Ponding, Extent: Light, An Location: Throughout Bo		**	5	\$11,000	
Ceramic Tile	5%	2026	\$8,900	5	\$500	
Quarry Tile	5%	2036	* *	5	\$700	
Terrazzo	5%	LIFE	* *	5	\$400	
Vinyl Tile	30% 4+ Worn/Eroded, Extent: Liga Location: Throughout 2r	\$4,700 2023 ht, Area Affected : 15%	\$23,400	3	\$1,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13200

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$1,200	
Masonry: Brick	25%			LIFE	* *			
Marble Panels	5%	3.7	\$5.500	LIFE	* *	_	#1.100	
Plaster	30%		\$5,700	LIFE	**	5	\$1,100	
	_	_	Extent: Severe, A		cted: 20%			
			or Dormitory South		00/			
		_	: Severe, Area Aff		0%			
			or Dormitory South Extent : Moderate, A		atad . 200/			
			xieni . Moderdie, F or Dormitory South		ciea . 2076			
CCFT/C1 134					* *			
SGFT/Glazed Masonry	30%		\$27,600 d, Extent : Moderat	LIFE				
			i, Exieni . Moderai out Garage Area	e, Area I	Affectea . 25%			
Ceilings	Locuitor	. Through	our Gurage Area					
AcousTileSusp.Lay-In	10%	0-2	\$400	2036	* *	5	\$500	
1 7	Misaligne		Extent : Moderate,		fected : 5%		****	
	_	Discoloring, : Kitchen	Extent : Moderate	, Area Ą	ffected : 20%			
		netration, E 1 : Kitchen	xtent : Light, Area	Affected	: 10%			
Exposed Struc: Steel	30%			LIFE	* *			
Gypsum Board	5%	Now	\$200	LIFE	* *	5	\$600	
•	_	-	Extent : Severe, A r Bathroom	rea Affec	cted : 5%			
			amage, Extent : M r Bathroom	oderate,	Area Affected : 10	%		
Plaster	55%			LIFE	* *	5	\$3,200	
			nt, Extent : Light, A out 2nd Floor, 201		cted : 20%	-	4-, 00	

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2023	\$4,800	5		
Raceway							
Conduit	95%		2023	\$29,700	1		
Conduit	5%		2043	* *	1		
Panelboards							
Fused Disc Sw	10%		2022	\$3,800	5		
Molded Case Bkrs	90%		2022	\$34,600	5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13200

Electrical	Current Repair	Future Repl	acement	M	laintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Braided Cloth	30% 2-4 \$8,30		* *	1		
	Insulation Aged, Extent : Moderate,	Area Affected: 100	0%			
	Location : Throughout					
Thermoplastic	60%	2023	\$16,600	1		
Thermoplastic	10%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	95%	2028	\$15,300	10	\$5,200	
	Other Observation, Extent : Modera	ite, Area Affected : .	100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	5%	2019	\$800	10	\$300	
	Other Observation, Extent: Modera	ite, Area Affected : .	100%			
	Location: Basement					
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2023	\$22,400	10		

Mechanical	Current Rep	Current Repair Future Replacement		М		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$5,900	
	Other Observation, Exter	nt : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: One Unit	t				
Distribution						
Central Plant Steam	100%	2043	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$1,900	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2019	\$11,600	1		
V						

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13200

l echanical	nical Current Repair Future Replacement		e Replacement	M			
ystem Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,300	
Exhaust Fans							
Interior	100%		2023	\$19,800	2	\$200	
umbing							
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater							
Gas Fired	100%		2022	\$3,400	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%	Now \$3,	500 LIFE	* *	1		
	Leak Evide	nt, Extent : Moderate,	Area Affected .	30%			
	Location	: Cellar					
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 316

Address : 27-12 KEARNEY STREET

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1658 Lot : 5 BIN : 4041276

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$151,000	\$117,500
Interior Architecture		\$34,300
Electrical		\$48,800
Total	\$151,000	\$200,600
Importance Code A	\$151,000	\$117,500
Importance Code B		\$83,100
Total	\$151,000	\$200,600

1 otal \$151,000 \$200,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,300			
Interior Architecture	\$24,200	\$500	\$1,100	\$100
Electrical	\$30,300		\$100	
Mechanical	\$8,300	\$800	\$4,600	\$800
Total	\$74,100	\$1,300	\$5,700	\$900
Importance Code A	\$12,000	\$600	\$600	\$600
Importance Code B	\$61,200	\$700	\$4,500	\$300
Importance Code C	\$1,000		\$600	
Total	\$74,100	\$1,300	\$5,700	\$900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 316

Asset #: 13201

Architecture	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls Masonry: Brick	75% Now Jnt Mortar Miss/Erod, Exter Location: West Facade, N Spalling, Extent: Moderate, Location: North And West Water Penetration, Extent: Location: Foundation	Iorth Facade Area Affected : 25% t Facades	6	5	\$18,600	
	Worn/Eroded, Extent : Mode Location : North And West		: 25%			
Masonry: Limestone Wood Overhead Doors	10% 15%	LIFE 2028	* * \$117,500	5 5	\$1,900 \$18,600	
Windows	1000/	• • • • •	ate ate	_	04.000	
Aluminum	100%	2039	* *	5	\$1,800	
Parapets Masonry: Brick	90% Now Diagonal Cracks, Extent: M. Location: Corners	\$10,400 LIFE Moderate, Area Affect	* * ted : 5%	5	\$1,800	
	Jnt Mortar Miss/Erod, Exter Location : Throughout Spalling, Extent : Moderate, Location : West Facade, N	Area Affected : 25% Iorth Facade	6			
Masonry: Limestone Pre-Cast Concrete	5% 5%	LIFE LIFE	* *	5 5	\$100 \$600	
Roof Built-Up (BUR)	100% Now Blisters, Extent: Moderate, Location: Throughout	\$39,000 2033 Area Affected : 25%	* *			1
	Drains Inad/Misposn, Exten Location: Over Second Fl Water Penetration, Extent:	oor Office				
	Location : Over Second Fl Worn/Eroded, Extent : Mode Location : Throughout		: 25%			
Interior						
Floors	35%	LIFE	* *	5 5	\$6,900 \$900	
Cast in Place Concrete Ceramic Tile	10%	2036			·	
	10% Recent Replace Evident, Ext Location: Restrooms		ected : 100%		·	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 316

Asset #: 13201

Architecture	Current	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Interior Walls							
Ceramic Tile	10%		2036	* *	5	\$1,200	
	Recent Replace Evide Location : Restroor	_	Area Aff	ected : 100%			
Gypsum Board	15%		LIFE	* *	5	\$1,100	
	Recent Replace Evide Location : Second I	_	Area Aff	ected : 100%			
Masonry: Brick	15%		LIFE	* *			
·	Water Penetration, E Location : Basemen		Area Affe	cted : 10%			
Plaster	5% Now	\$1,000	LIFE	* *	5	\$200	
	Cracking/Crumbling, Location: 2nd Floo		e, Area Aj	ffected : 10%			
	Paint Peeling, Extend Location: 2nd Floo		fected : 20	0%			
	Water Penetration, E Location : Second I		ea Affecte	d : 20%			
Plaster	25%		LIFE	* *	5	\$900	
SGFT/Glazed Masonry	30%		LIFE	* *			
Ceilings							
Exposed Concrete	25% Now	\$14,400	LIFE	* *	5	\$400	
	Cracking/Crumbling,		rea Affec	eted : 25%			
	Location : Basemer						
	Other Observation, E		Area Affe	ected : 100%			
	Location : Basemer						
	Explanation : Supp	ort Of Aparatus Fl					
Plaster	70%		LIFE	* *	5	\$3,900	
Plaster	5% Now	\$1,200	LIFE	* *	5	\$300	
	Broken/Missing Elen		ere, Area	Affected : 25%			
	Location : Second I						
	Water Penetration, E		ea Affecte	d: 25%			
	Location : Second I	Toor Office					

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts			•			•
Service Equipment						
Fused Disc Sw	100%	2023	\$4,800	5		
	Other Observation, Extent : Moderate, A	Area Affe	cted : 100%			
	Location: Basement					
	Explanation : Main Service Switch Ra	ted @ 20	0 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$48,800	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 316

Asset #: 13201

Electrical	Current Rep	air Futu	re Replacement	M	laintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	20%	2033	* *	1		
Conduit	80%	2023	\$25,000	1		
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$200	
Wiring						
Thermoplastic	100%	2033	* *	1		
Ground						
Grounding Devices						
Generic	100% 0-2	\$9,500 LIFE		5	\$100	
	Other Observation, Exte	nt : Moderate, Area Afj	fected : 100%			
	Location: Basement					
	Explanation: Corrode	d				
Lighting						
Interior Lighting						
Fluorescent	90%	2019	\$14,900	10	\$5,100	
	Other Observation, Exte	nt : Moderate, Area Afj	fected : 100%			
	Location : Throughout	The Building				
	Explanation: T-12 Lan	nps				
Fluorescent	8%	2023	\$1,300	10	\$500	
	Other Observation, Exte	nt : Moderate, Area Afj	fected : 100%			
	Location: 2nd Floor					
	Explanation: T-8 Lam	ps				
Incandescent	2%	2019	\$800	2		
Exterior Lighting			·			
HID	100%	2023	\$23,100	10		

Mechanical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$6,100	
	Other Observation, Extent: Light, A	rea Affected : 100%	6			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$2,000	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 316

Asset #: 13201

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	60%		2019	\$7,200	1		
No Component	40%						
Ventilation							
Distribution							
Ductwork/Diffusers	25%		LIFE	* *	2-5	\$900	
No Component	75%						
Exhaust Fans							
Interior	15%		2023	\$3,100	2		
Roof	10%		2023	\$1,000	2		
No Component	75%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Gas Fired	100%		2021	\$3,500	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$200	4	\$200	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 317/LADDER CO. 165 Address : 117-11 196th STREET @ LINDEN BLVD.

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 12617 Lot : 40 BIN : 4271743

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$49,200
Total		\$49,200
Importance Code A		\$49,200
Total		\$49.200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,100		\$2,600	
Interior Architecture	\$43,000		\$700	\$300
Electrical	\$2,100	\$1,000	\$400	\$400
Mechanical	\$7,300	\$1,000	\$11,600	\$1,000
Total	\$77,500	\$2,000	\$15,300	\$1,700
Importance Code A	\$25,700	\$600	\$3,200	\$600
Importance Code B	\$36,900	\$1,400	\$12,100	\$1,100
Importance Code C	\$14,900			
Total	\$77,500	\$2,000	\$15,300	\$1,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13202

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	\$18,300	
Masonry: Granite	2%			LIFE	* *	5	\$300	
Masonry: Limestone	5%			LIFE	* *	5	\$800	
Wood Overhead Doors	5%			2036	* *	5	\$5,200	
Windows Aluminum	100% Broken/Mi	2-4 ssing Elem	\$25,100 ents, Extent : Seve	2031 re, Area	* * Affected : 50%	5	\$1,000	2
	Location	: Through	out					
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$2,100	
Masonry: Brick	90%			LIFE	* *	5	\$2,400	
Roof								
Modified Bitumen	100%			2028	\$49,200	10	\$8,500	
Interior								
Floors Cast in Place Concrete	50%	0-2	\$4,800	LIFE	* *	5	\$10,000	
Cast III Flace Colletete			Extent : Light, Are			3	\$10,000	
	Location	: Through						
Ceramic Tile	15%			2038	* *	5	\$1,400	
		olace Evide : Through	ent, Extent : Light, out 2011	Area Aff	ected : 100%			
Terrazzo	5%			LIFE	* *	5	\$400	
		tallation, E : Through	Extent : Light, Area out 2011	Affected	! : 100%			
Vinyl Tile		0-2 Crumbling, : Through	\$3,900 Extent : Light, Are out	2019 ea Affect	\$19,500 ed : 30%	3	\$900	
Wood	5%			2051	* *	5	\$900	
Interior Walls								
Cast in Place Concrete	10%	0-2	\$3,800	LIFE	* *			
		etration, E : Through	xtent : Light, Area out	Affected	: 10%			
Ceramic Tile		olace Evide : Through	ent, Extent : Light,	2038 Area Aff	* * ected : 100%	5	\$1,200	
Masonry: Brick	10%	0-2	\$2,300	LIFE	* *			
·	Water Pen	etration, E : Through	xtent : Light, Area	Affected	: 10%			
Plaster	_	0-2 Crumbling, : Through	\$1,900 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$1,400	
SGFT/Glazed Masonry		0-2 Crumbling, : Through	\$6,900 Extent : Light, Ard out	LIFE ea Affect	* * ed : 10%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13202

Architecture	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	5%		2036	* *	5	\$500	
Exposed Concrete	70%		LIFE	* *	5	\$1,000	
Plaster	25%		LIFE	* *	5	\$1,400	

Electrical	Current Repair	Future R	Replacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2043	* *	5	\$200	
	Other Observation, Extent : Modere	ate, Area Affecte	ed : 100%			
	Location: Basement					
	Explanation: 200 Amperes					
Switchgear / Switchboard	1000/	2042	* *	-	#200	
Molded Case Bkrs	100%	2043		5	\$200	
Raceway	100%	2042	* *	1		
Conduit Panelboards	100%	2043		1		
Panelboards Molded Case Bkrs	100%	2039	* *	5	\$200	
Wiring Wiring	10076	2039		3	\$200	
Thermoplastic	100%	2043	* *	1		
Motor Controllers	10078	2043		1		
Locally Mounted	100%	2028	\$14,400	5		
Ground	10070	2028	\$14,400			
Grounding Devices						
Generic General Genera	100%	LIFE	* *	5	\$100	
Generie	Other Observation, Extent : Modera		ed : 100%	J	Ψ100	
	Location : Basement	, 33				
	Explanation: Water Main					
Stand-by Power	•					
Transfer Switches						
Automatic	100%	2040	* *	1	\$1,900	
Generators						
Diesel	100%	2036	* *	1	\$2,400	
	Other Observation, Extent: Modera	ate, Area Affecte	ed: 100%			
	Location: Back Yard					
	Explanation: 80 Kva					
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$200	
Fuel Storage						
Day Tank	100%	2045	* *	5	\$1,100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13202

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	80%	2023	\$13,300	10	\$4,500	
	Other Observation, Extent : Moderat	te, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Incandescent	20%	2028	\$7,800	2		
Exterior Lighting						
HID	100%	2023	\$23,100	10		

Mechanical		Current Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$6,100	
	Other Obs	ervation, Extent : Light, Area	ı Affectea	l : 100%			
	Location	: Basement					
	Explana	tion : One Unit					
Distribution							
Central Plant Steam	100%		2033	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2028	\$30,700	1	\$2,000	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	85%		2021	\$10,100	1		
No Component	15%						
Terminal Devices							
Air Handler/Dir	15%		2028	\$8,200	1		
Expansion							
No Component	85%						
Heat Rejection							
Air Cooled Condenser	15%		2028	\$1,500	2	\$600	
Unit							
No Component	85%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,400	
Exhaust Fans							
Interior	100%		2028	\$20,400	2	\$200	
Plumbing				. ,			

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13202

lechanical		Current Re	epair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2019	\$3,500	2	\$100	
Sanitary Piping								
Cast Iron	100%	Now	\$2,100	LIFE	* *	1		
	Leak Evide	nt, Extent:	Moderate, Area A	Affected :	15%			
	Location	: Basement	When It Rains					
Storm Drain Piping								
Cast Iron	100%	Now	\$600	LIFE	* *	1		
	Leak Evide	nt, Extent :	Light, Area Affec	ted : 10%	6			
	Location	: Basement	When It Rains					
Sump Pump(s)								
Submersible	100%			2019	\$200	4	\$200	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 318/LADDER CO. 166

Address : 2510 NEPTUNE AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.318 / 13203 Yr Built/Renovated : 1929 /

Area Sq Ft : 5,746 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7013 Lot : 7 BIN : 3188880

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$48,800
Total		\$48,800
Importance Code B		\$48,800
Total		\$48.800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$110,000			\$200
Interior Architecture	\$38,700			\$400
Electrical			\$14,400	\$38,600
Mechanical	\$11,000	\$800	\$900	\$800
Total	\$159,700	\$800	\$15,300	\$40,000
Importance Code A	\$110,500	\$600	\$600	\$800
Importance Code B	\$35,300	\$200	\$14,700	\$39,200
Importance Code C	\$13,800			
Total	\$159,700	\$800	\$15,300	\$40,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13203

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls Alum/Vinyl Siding Masonry: Brick	15% 70%	0-2	\$27,800	2043 LIFE	* *	10 5	\$1,200 \$18,500	
·	Location Jnt Mortan	: Through	l, Extent : Light, A					
Masonry: Granite	Location Jnt Mortan	: Through	l, Extent : Light, A			5	\$600	
Masonry: Limestone		0-2 · Miss/Eroc : Front Fo	\$14,400 l, Extent : Modera acade	LIFE te, Area	* * Affected : 10%	5	\$1,000	
Wood Overhead Doors		0-2 ssing Elem : Through	\$5,800 ents, Extent : Ligh out	2036 t, Area A	* * ffected : 10%	5	\$4,600	
Windows								
Aluminum	100%	Now	\$3,900	2031	* *	5	\$900	
Parapets Cast Stone/Terra Cotta	Cracking/	Now Crumbling, : Through	\$1,300 Extent : Light, Are	LIFE ea Affect	* * ed : 10%	5	\$1,600	
		Miss/Erod : Through	l, Extent : Light, A out	rea Affec	eted : 10%			
Masonry: Brick	Cracking/o Location Jnt Mortan	: Through	l, Extent : Light, A			5	\$1,800	
Roof								
Asphalt Shingle Single Ply Membrane			\$2,500 xtent : Moderate, A	2032 2019 Area Affe	* * \$25,100 ected : 20%	10	\$200	
Skylight, Metal/Glass	5% Broken/Mi	Now	\$13,800 ents, Extent : Seve	2033 re, Area	* * Affected : 30%			1

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13203

rchitecture Current Repair		Future Replacement		Maintenance				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete		Now	\$2,600	LIFE	**	5	\$10,900	
	_	Crumbling, : Through	Extent : Light, Ard out	ea Affecte	ed : 10%			
Ceramic Tile	Cracking/	_	\$2,900 Extent : Light, Are	2032 ea Affecte	* * ed : 10%	5	\$700	
		: Through						
Vinyl Tile	Worn/Ero	Now ded, Extent a : 2nd Floo	\$5,900 : Moderate, Area . or	2023 Affected	\$29,600	3	\$1,300	
Interior Walls								
Cast in Place Concrete	20%	0-2	\$8,700	LIFE	* *			
		netration, E 1: Through	xtent : Moderate, A out	Area Affe	cted : 20%			
Ceramic Tile	5%	Now	\$1,900	2032	* *	5	\$300	
	_	Crumbling, : Through	Extent : Moderate out	e, Area Aj	fected : 20%			
Gypsum Board	15%			LIFE	* *	5	\$1,200	
Plaster	30%	Now	\$3,300	LIFE	* *	5	\$1,200	
			Extent : Severe, A wer And Bunk Roo		ted : 30%			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%		\$400	2028	\$8,100	5	\$500	
	_	Crumbling, : Through	Extent : Moderate out	, Area Aj	fected : 20%			
Exposed Concrete	50%			LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5	\$1,900	
Plaster	25%	0-2	\$13,100	LIFE	* *	5	\$1,600	
	Cracking/Crumbling, Extent : Severe, Area Affected : 20% Location : Hose Tower Paint Peeling, Extent : Moderate, Area Affected : 40%							
	Location	: Through	out					
			xtent : Moderate, A or Corridor	Area Affe	cted : 5%			

Electrical	Current Repair	Future Re	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$4,800	5	\$200	
	Other Observation, Extent : Mode	rate, Area Affectea	1: 100%			
	Location: Basement					

Explanation: One 200 Amperes Main Disconnect Switch

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13203

Electrical	Cal Current Repair Future Replacement		М	aintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2023	\$48,800	5	\$200	
Raceway							
Conduit	100%		2023	\$31,300	1		
Panelboards							
Fused Disc Sw	10%		2022	\$3,800	5		
Molded Case Bkrs	90%		2022	\$34,600	5	\$100	
Wiring							
Thermoplastic	100%		2023	\$27,700	1		
Motor Controllers							
Locally Mounted	100%		2021	\$14,400	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	95%		2023	\$14,800	10	\$5,000	
	Inadequate	Lighting Level, Extent: Seve	ere, Area	Affected : 100%			
	Location	: Throughout Firehouse					
Fluorescent	5%		2023	\$800	10	\$300	
Egress Lighting							
Emergency, Service	100%		2023	\$2,800	1		
Exterior Lighting							
Not Accessible	100%						

Mechanical	Current Repair	Future Re	eplacement	М		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$5,700	
	Other Observation, Extent: Light, A.	rea Affected : 10	00%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$28,800	1	\$1,900	
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13203

Mechanical	Current Repai	r Futur	e Replacement	Maintenance				
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ir Conditioning								
Conversion Equipment								
Window/Wall Unit	60%	2019	\$6,700	1				
No Component	40%							
entilation entile								
Exhaust Fans								
Roof	10%	2023	\$900	2				
Wall Unit	10%	2023	\$200	2				
No Component	80%							
lumbing								
H/C Water Piping								
Brass/Copper	100%	2033	* *	1				
Water Heater								
Gas Fired	100%	2019	\$3,300	2	\$100			
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Basement							
	Explanation: 2 Units							
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1				
Sump Pump(s)								
Submersible	100%	2019	\$200	4	\$200			
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 319 Address : 78-11 67th ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.319 / 13204 Yr Built/Renovated : 1930 /

Area Sq Ft : 6,576 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3776 Lot : 56 BIN : 4091550

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$39,900	\$53,200
Total	\$39,900	\$53,200
Importance Code A	\$39,900	\$53,200
Total	\$39,900	\$53,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$18,600		\$3,200	
Interior Architecture	\$51,300	\$400	\$800	
Electrical	\$17,400			\$1,400
Mechanical	\$7,600	\$900	\$1,300	\$4,700
Site Enclosure				
Total	\$94,800	\$1,300	\$5,300	\$6,100
Importance Code A	\$19,200	\$700	\$3,800	\$700
Importance Code B	\$58,500	\$600	\$1,200	\$5,400
Importance Code C	\$17,100		\$300	
Total	\$94,800	\$1,300	\$5,300	\$6,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 319

Asset #: 13204

Architecture	Currer	nt Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast Stone/Terra Cotta	3%		LIFE	* *	5	\$5,900	
Masonry: Brick	90%	T	LIFE	**	5	\$22,700	
	Location : Left F						
M. G.		ushed- On Waterprod		**	-	#200	
Masonry: Granite	1%	#2 000	LIFE	* *	5	\$200	
Masonry: Limestone	1% Now Jnt Mortar Miss/E Location: Front	\$2,800 rod, Extent : Moderat Eggado	LIFE te, Area 1		5	\$200	
Wood Overhead Doors	5%	Tucuue	2021	\$39,900	5	\$6,300	
Windows							
Aluminum	_	\$15,800 , Extent : Moderate, A At 2nd Floor Alley S		* * ected : 5%	5	\$900	
	Location : Throu Water Penetration	xtent : Moderate, Are ghout , Extent : Severe, Are loor At Alley Side					
Parapets							
Masonry: Brick	80%		LIFE	* *	5	\$1,500	
Masonry: Limestone	20%		LIFE	* *	5	\$500	
Roof							
Modified Bitumen	98%		2028	\$53,200	10	\$9,200	
Skylight, Metal/Glass	2%		2043	* *	10	\$600	
nterior							
Floors							
Cast in Place Concrete	60% Now Water Penetration Location: Basen	\$12,300 , Extent : Moderate, A nent	LIFE Area Affe	* * ected : 10%	5	\$12,900	
Ceramic Tile	10%		2026	\$19,000	5	\$1,000	
Vinyl Tile	30%		2023	\$25,100	3	\$1,100	
Interior Walls				4,		4-,	
Cast in Place Concrete	20% Now	\$17,100	LIFE	* *			
	Water Penetration	, Extent : Severe, Are And Side At Basemer	a Affecte	d : 10%			
Ceramic Tile	5%		2026	\$18,600	5	\$700	
Gypsum Board	5%		LIFE	* *	5	\$400	
Masonry: Brick	20%		LIFE	* *			
Plaster	25%		LIFE	* *	5	\$1,000	
SGFT/Glazed Masonry	25%		LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 319

Asset #: 13204

Current Repair		Future Replacement		Maintenance			
		timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
15%			2028	\$11,900	5	\$1,500	
85%	Now	\$21,900	LIFE	* *	5	\$5,200	
Paint Peelin	ig, Extent : M	oderate, Area	Affected	: 40%			
Location:	Apparatus R	oom					
Water Penet	tration, Exten	t : Severe, Are	a Affecte	d : 5%			
Location:	2nd Floor Bi	ınkroom And I	ounge				
100%			2023	\$13,600			
Corrosion/R	usting, Exten	t : Light, Area	Affected	: 75%			
Location:	Throughout						
100%			2033	* *			
100%			2036	* *			
100%			2036	* *			
	% of Total 15% 85% Paint Peelin Location: Water Penet Location: 100% Corrosion/R Location: 100%	% of Fail Date Est Total (Years) 15% 85% Now Paint Peeling, Extent: M Location: Apparatus Re Water Penetration, Exten Location: 2nd Floor Bu 100% Corrosion/Rusting, Exten Location: Throughout 100%	% of Fail Date Estimated Cost Total (Years) 15% 85% Now \$21,900 Paint Peeling, Extent: Moderate, Area Location: Apparatus Room Water Penetration, Extent: Severe, Area Location: 2nd Floor Bunkroom And L 100% Corrosion/Rusting, Extent: Light, Area Location: Throughout 100%	% of Fail Date Estimated Cost Total (Years) 15% 2028 85% Now \$21,900 LIFE Paint Peeling, Extent: Moderate, Area Affected Location: Apparatus Room Water Penetration, Extent: Severe, Area Affected Location: 2nd Floor Bunkroom And Lounge 100% 2023 Corrosion/Rusting, Extent: Light, Area Affected Location: Throughout 100% 2033	% of Fail Date Estimated Cost Total (Years) 15% 2028 \$11,900 85% Now \$21,900 LIFE ** Paint Peeling, Extent: Moderate, Area Affected: 40% Location: Apparatus Room Water Penetration, Extent: Severe, Area Affected: 5% Location: 2nd Floor Bunkroom And Lounge 100% 2023 \$13,600 Corrosion/Rusting, Extent: Light, Area Affected: 75% Location: Throughout 100% 2033 **	Year Estimated Cost Year Estimated Cost Cycle Total (Years)	Year Estimated Cost Year Estimated Cost Cycle (Yrs)

ectrical	Current Rep	air	Futur	e Replacement	М	aintenance			
stem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
der 600 Volts									
Service Equipment									
Molded Case Bkrs	100%		2033	* *	5	\$200			
	Other Observation, Exter	nt : Light, Area 1	Affected	: 100%					
	Location: Basement Se	ervice Area							
	Explanation: 200 Amp								
Raceway									
Conduit	100%		2033	* *	1				
Panelboards									
Molded Case Bkrs	30% 4+	\$5,800	2039	* *	5				
	Other Observation, Exter	nt : Moderate, A	rea Affe	cted : 5%					
	Location: 1st Floor								
	Explanation: Receptac	eles Not Working	3						
Molded Case Bkrs	70%		2039	* *	5	\$100			
Wiring									
Braided Cloth	5%		2022	\$1,400	1				
Thermoplastic	95%		2033	* *	1				
Motor Controllers									
Locally Mounted	100%		2036	* *	5				
•	Other Observation, Exter	nt : Light, Area	Affected	: 100%					
	Location: 1st Floor								
	Explanation : Motor Co	ontrollers For 2	Overhed	ad Doors					

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 319

Asset #: 13204

Electrical	trical Current Repair		placement	M				
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
	Other Observation, Extent : Lig		0%					
	Location : Basement Near Wa							
	Explanation: 3 Ground Clam	ps Observed						
Lighting								
Interior Lighting	2-21		*					
Fluorescent	95%	2023	\$16,900	10	\$5,700			
	T-8 Lamps And Fixtures, Extent	t : Light, Area Affected	d: 100%					
	Location: Throughout							
Incandescent	5%	2019	\$2,100	2				
Exterior Lighting								
HID	100% 4+ \$	7,400 2023	\$24,800					
	Inadequate Lighting Level, Exte	ent : Moderate, Area A	Affected : 10%					
	Location : Alley							
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic	5% 0-2 \$	2,000 2023	\$3,400	1-3	\$200			
	Devices Missing, Extent: Severe, Area Affected: 80%							
	Location: 2nd Floor							
	Local/Battery Operated Detect, Extent : Light, Area Affected : 100%							
	Location: 2nd Floor							

Mechanical		Current Repair		e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2049	* *	1			
Conversion Equipment								
Steam Boiler	100%		2040	* *	1	\$6,500		
Distribution								
Central Plant Steam	100%		2033	* *	4	\$300		
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%		2028	\$32,900	1	\$2,100		
Air Conditioning								
Energy Source								
Electricity	100%		2045	* *	1			
Conversion Equipment								
Window/Wall Unit	50%		2019	\$6,400	1			
No Component	50%							

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 319

Asset #: 13204

echanical	Current Repair	Future	Future Replacement		aintenance		
stem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ntilation							
Distribution							
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$1,800		
No Component	50%						
Exhaust Fans							
Interior	50%	2023	\$10,900	2	\$100		
Roof	50%	2028	\$5,100	2	\$100		
ımbing							
H/C Water Piping							
Brass/Copper	10%	2049	* *	1			
Galvanized Steel	90%	2028	\$24,300	1			
	Other Observation, Extent : Moder	ate, Area Affe	cted : 100%				
	Location: Basement						
	Explanation : New Copper Servic	e. No Dielectr	ic Fittings Betwee	n Dissim	ilar Metals		
Water Heater	1000/		4.000		4400		
Gas Fired	100%	2022	\$3,800	2	\$100		
	Other Observation, Extent: Light,	Area Affectea	: 100%				
	Location: Basement						
G. C. P. C.	Explanation: 2 Units / 80 Gallon	S					
Sanitary Piping	500/	LIEE	* *	1			
Cast Iron	50%	LIFE	* *	1			
Cast Iron	50%	LIFE		1			
	Other Observation, Extent: Light, A	Area Affected	: 30%				
	Location: Throughout	r n					
C4 D ' D' . '	Explanation : New No Hub Cast I	ron Piping					
Storm Drain Piping	1000/	LIEE	* *	1			
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s) Submersible	100%	2019	\$200	1	\$200		
	100%	2019	\$200	4	\$200		
Backflow Preventer	050/						
No Component	95% 5%	2021	* *	1			
Generic	5% Other Observation, Extent : Light, A	2031		1			
	Location : Basement	А геа Ајјестеа	. 100%				
E'	Explanation : Boiler Only						
Fixtures	1000/						
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 320/LADDER CO. 167 Address : 36-18 FRANCIS LEWIS BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 4,930 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5319 Lot : 8 BIN : 4120143

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$48,800
Total		\$48,800
Importance Code B		\$48,800
Total		\$48,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$33,900	\$200		\$1,400
Interior Architecture	\$700	\$18,400		\$400
Electrical	\$9,500		\$100	\$4,700
Mechanical	\$1,400	\$500	\$500	\$500
Total	\$45,600	\$19,200	\$600	\$7,100
Importance Code A	\$34,200	\$500	\$200	\$1,700
Importance Code B	\$11,400	\$600	\$300	\$5,400
Importance Code C		\$18,100		
Total	\$45,600	\$19,200	\$600	\$7,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13205

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	10%			2034	* *	10	\$600	
Masonry: Brick	20%	3.7	Ф27.200	LIFE	* *	5	\$3,600	
Masonry: Brick	Diagonal		\$27,300 tent : Moderate, Ai	LIFE ea Affec		5	\$9,100	
		: Northwe						
		-	ent : Moderate, Ar	ea Affect	ted : 50%			
		: North Ar	nd South Facades					
Masonry: Granite	5%			LIFE	* *	5	\$700	
Masonry: Limestone	10%			LIFE	* *	5	\$1,400	
Metal Sect. OHD	5%			2037	* *	5	\$2,800	
Windows								
Aluminum	100%			2040	* *	5	\$500	
Parapets	0.50/				ماد ماد	_	01.200	
Masonry: Brick	85%	<i>c</i> = E		LIFE	**	5	\$1,300	
			ent : Moderate, Ar	ea Affeci	ted: 50%			
		: Through	out					
Masonry: Limestone	10%			LIFE	* *	5	\$200	
Pre-Cast Concrete	5%			LIFE	* *	5	\$500	
Roof								
Asphalt Shingle	15%			2027	\$4,000	10	\$200	
Modified Bitumen	85%			2029	* *	10	\$6,700	
Interior								
Floors Cast in Place Concrete	55%			LIFE	* *	5	\$10,000	
Cast in Place Concrete		nlace Evid	ent, Extent : Light,			5	\$10,000	
	-	: Apparati	_	Агеи Ауу	естей . 100%			
Ceramic Tile	10%			2037	* *	5	\$800	
Quarry Tile	5%			2029	* *	5	\$600	
Vinyl Tile	30%			2029	* *	3	\$900	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	15%			2020	\$17,800	5	\$600	
Gypsum Board	15%			LIFE	* *	5	\$400	
Plaster	35%			LIFE	* *	5	\$500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings				• • • •		_	*	
AcousTileSusp.Lay-In	10%			2029	* *	5	\$800	
Exposed Concrete	30%			LIFE	**	5	\$400	
		place Evide : Basemen	ent, Extent : Light, t	Area Aff	ected : 100%			
Plaster	60%			LIFE	* *	5	\$3,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13205

Electrical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2024	\$4,800	5		
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Basement					
	Explana	tion : Main Service Switch Ro	ited @ 20	00 Amperes			
Switchgear / Switchboard							
Fused Disc Sw	100%		2024	\$48,800	5		
Raceway							
Conduit	100%		2050	* *	1		
Panelboards							
Molded Case Bkrs	100%		2046	* *	5	\$100	
Wiring							
Thermoplastic	100%		2050	* *	1		
Motor Controllers							
Locally Mounted	100%		2041	* *	5		
Ground							
Grounding Devices							
Generic	100%	2-4 \$9,500	LIFE	* *	5	\$100	
	Other Observation, Extent : Moderate, Area Affected : 100%						
		: Basement					
	Explana	tion : Corroded					
Lighting							
Interior Lighting							
Fluorescent	90%		2032	* *	10	\$4,100	
	-	s And Fixtures, Extent: Mode	rate, Are	a Affected : 100%			
	Location	: Throughout The Building					
Incandescent	10%		2024	\$3,200	2		-
Egress Lighting							
Emergency, Battery	50%		2032	* *	10	\$600	
Exit, LED	50%		2059	* *	1		
Exterior Lighting							
HID	100%		2032	* *	10		

Mechanical	Current Repair	Repair Future Replacemen			Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
leating							
Energy Source							
Natural Gas	100%	2050	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2041	* *	1	\$2,400		
	Other Observation, Extent: Light	nt, Area Affected : 100%	6				
	Location: Basement						
	Explanation : 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2046	* *	4	\$200		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13205

Mechanical		Current R	epair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	80%			2041	* *	1	\$1,300	
Unit Heater - Steam	20%			2032	* *	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2032	* *			
Window/Wall Unit	50%			2023	\$4,800	1		
Window/Wall Unit		Now	\$1,000	2024	\$1,000	1		
			Extent : Moderate,	Area Af	fected : 10%			
	Location	: Gymnasii	ım					
No Component	35%							
Terminal Devices	-	-						
Fan Coil - 2 Pipe	5%			2032	* *	1	\$100	
No Component	95%							
Heat Rejection								
Air Cooled Condenser	5%			2032	* *	2	\$200	
Unit								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$500	
No Component	80%							
Exhaust Fans								
Roof	20%			2024	\$1,500	2		
No Component	80%							
Plumbing								
H/C Water Piping	1000/			• • • •	de de			
Brass/Copper	100%			2050	* *	1		
Water Heater	1000/			• • • • •		_	4100	
Gas Fired	100%	.·		2023	\$2,800	2	\$100	
			xtent : Light, Area	Affectea	: 100%			
		: Basement						
G '' B' '	Explana	tion : 2 Unii	ES .					
Sanitary Piping	1000/			Libb	* *	1		
Cast Iron	100%			LIFE	~ ^	1		
Storm Drain Piping	1000/			LIDD	* *	1		
Cast Iron	100%			LIFE	~ ^	1		
Sump Pump(s)	1000/			2022	* *	4	#200	
Non-Submersible	100%			2032		4	\$200	
Fixtures	1000/							
Generic	100%							
Fire Suppression								
Chemical System	000/							
No Component	98%			2022		1.2	Ø100	
Generic	2%			2023		1-3	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 320/LADDER CO. 167

Asset #: 13205

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 321

Address : 2165 GERRITSEN AVENUE @ AVENUE U

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.321 / 13206 Yr Built/Renovated : 1930 / 2011

Area Sq Ft : 6,128 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8817 Lot : 49 BIN : 3248186

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$113,200	\$43,900
Interior Architecture		\$38,900
Total	\$113,200	\$82,800
Importance Code A	\$113,200	\$43,900
Importance Code B		\$38,900
Total	\$113,200	\$82.800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$51,400		\$4,700	
Interior Architecture	\$62,100		\$200	\$3,100
Electrical	\$11,100		\$2,900	
Mechanical	\$5,900	\$800	\$4,700	\$800
Total	\$130,500	\$800	\$12,500	\$3,900
Importance Code A	\$52,000	\$600	\$5,300	\$600
Importance Code B	\$64,800	\$200	\$7,200	\$800
Importance Code C	\$13,700			\$2,500
Total	\$130,500	\$800	\$12,500	\$3,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 321

Asset #: 13206

Architecture	Current Rep	pair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
exterior								
Exterior Walls								
Masonry: Brick	80% Now	\$113,200	LIFE	* *	5	\$18,800		
	Jnt Mortar Miss/Erod, E		-	ffected : 40%				
	Location: South, North							
	Spalling, Extent: Moder							
	Location : South, North	h And East Face	ıdes					
Masonry: Granite	2%		LIFE	* *	5	\$400		
Masonry: Limestone	5% Now	\$6,400	LIFE	* *	5	\$900		
	Jnt Mortar Miss/Erod, E		e, Area A	ffected : 80%				
	Location: West Facad	e						
Metal Panel	5%		2043	* *	5-10	\$8,100		
Wood Overhead Doors	8%		2036	* *	5	\$9,400		
Windows								
Aluminum	100% Now	\$4,100	2039	* *	5	\$1,000		
	Ctrwt/Balnc Not Funct,		Area Affe	ected : 100%				
	Location: Weight Roo							
	Unit Inoperable, Extent		ffected :	100%				
	Location : Weight Roo	m, Bunk Room						
Parapets	1.50/				_	#2 (00		
Cast Stone/Terra Cotta	15%	#10. 2 00	LIFE	**	5	\$2,600	1	
Masonry: Brick	75% Now	\$19,200	LIFE		5	\$1,700	1	
	Diagonal Cracks, Extent: Moderate, Area Affected: 10%							
	Location : Corners Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%							
	Location: Throughout		Area Ajjeo	ciea : 55%				
	Spalling, Extent: Moder		ad · 20%					
	Location: Throughout		еа . 2070					
N. T.			LIDE	* *	_	Ф200		
Masonry: Limestone	10%		LIFE		5	\$300		
Roof	000/ 0.2	¢4.400	2020	¢42.000				
Built-Up (BUR)	98% 0-2 Ponding, Extent: Light,	\$4,400	2028	\$43,900				
	Location: Throughout		10/0					
	Vegetation Growth, Exte		Affected	. 20%				
	Location: Throughout		Ајјестец	. 20/0				
Clark and March Cl	-		2042	* *			1	
Skylight, Metal/Glass	2% Now	\$17,300	2043				1	
	Corrosion/Rusting, External Location: Throughout		і Ајјестеа	1.7070				
	Location: Throughout		a Araa A	ffacted . 200/				
	Glazing Broken/Cracked Location: Throughout		e, Area A	µестей . 30%				
nterior	Location : Throughout							

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 321

Asset #: 13206

Architecture		Current I	Repair	Future Replacement Maintena		aintenance	ance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	400/	NT	¢22 000	LIEE	* *	-	\$0,000	
Cast in Place Concrete		Now	\$22,900 Extent : Moderate, A	LIFE	atad : 100%	5	\$8,000	
		: Basemer		неи Аује	ciea . 1070			
			 Extent : Moderate, 1	Area Affe	ected : 60%			
		: Through		33				
	Explana	ion : Steel	Columns And Bear	ms Shorii	ng Up Apparatus F	loor Abo	ove	
Ceramic Tile	5%			2036	* *	5	\$500	
Terrazzo	5%			LIFE	* *	5	\$400	
Vinyl Tile	50%			2028	\$38,900	3	\$2,300	
Interior Walls								_
Cast in Place Concrete	20%	0-2	\$9,000	LIFE	* *			
	_	_	Extent : Light, Are	ea Affect	ed : 10%			
		: Through		A CC . 1	100/			
		etration, E : Through	Extent : Light, Area	Affectea	: 10%			
C T.1		. Inrough	Ош	2022	* *	-	¢5,000	
Ceramic Tile	35% 10%	0-2	\$2.900	2032 LIFE	**	5	\$5,000	
Masonry: Brick			\$2,800 Extent : Light, Are					
	_	: Through	_	eu Hyjeen	eu . 1070			
		_	Extent : Light, Area	Affected	: 10%			
		: Through		33				
Plaster	35%	Now	\$2,000	LIFE	* *	5	\$1,500	
			Extent : Severe, Are		d : 100%		4-,	
	Location	: Hose Ro	om					
	Worn/Eroc	led, Extent	: Severe, Area Aff	ected : 10	00%			
	Location	: Hose Ro	om					
Ceilings								
Exposed Concrete		Now	\$19,900	LIFE	**	5	\$300	
	_	_	Extent : Severe, A	rea Affec	eted : 60%			
		: Basemer	ıt ent, Extent : Moder	ata Ana	Affacted , 100/			
		: Basemer		aie, Arec	і Ајјесіей . 10%			
Gypsum Board	5%	. Basemen		LIFE	* *		\$600	
Plaster	75%	4+	\$5,100	LIFE	* *	5 5	\$4,800	
1 lastei		=	\$5,100 t : Severe, Area Aff		%	3	\$4,800	
			or Bathroom, Hose		, 0			
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	. =		2043	**			
			Extent : Light, Area	Affected	: 100%			
		: Through ion : Repla						
	Елріанаі	юн . кери	icea 2011					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 321

Asset #: 13206

Architecture	Current Rep	pair Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cos (Yrs)	t Priority
Site Pavements Parking/Driveway					
Cast in Place Concrete	100%	2043	* *		

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•	•	•			
Service Equipment						
Fused Disc Sw	100%	2033	* *	5		
	Other Observation, Extent : Moderate	e, Area Affe	cted : 100%			
	Location: Basement Service Room					
	Explanation: 200 Amperes Switch I	n Use				
Raceway						
Conduit	100%	2033	**	1		
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$200	
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5		
Ground						
Grounding Devices				_	****	
Generic	100%	LIFE	**	5	\$100	
	Other Observation, Extent : Moderate	e, Area Affe	cted : 100%			
	Location: Basement					
T : 1	Explanation: Water Main					
Lighting						
Interior Lighting Fluorescent	50%	2019	\$8,300	10	\$2,800	
Fluorescent	Other Observation, Extent : Moderate			10	\$2,800	
	Location: Throughout Firehouse	., лгей лује	ciea . 100/0			
	Explanation: T-12 Lamps					
Fluorescent	50%	2031	* *	10	\$2,800	
Fluorescent	Other Observation, Extent : Moderate			10	\$2,800	
	Location : Throughout	:, Агеи Ајје	ciea . 100/0			
	Explanation: T-8 Lamps					
Egress Lighting	Ехрининон . 1-0 Емпрз					
Exit, Service	50%	2023	\$300	1		
Exit, Battery	50%	2023	\$1,100	10	\$200	
Exterior Lighting	2070	2023	Ψ1,100	10	Ψ200	
HID	100%	2023	\$23,100	10		
	10070	2023	Ψ23,100	10		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 321

Asset #: 13206

Mechanical	Current Rep	air Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2049	* *	1			
Conversion Equipment							
Steam Boiler	100%	2040	**	1	\$6,100		
	Other Observation, Exte	nt : Light, Area Affected	1: 100%				
	Location : Basement						
	Explanation : One Boil	ler					
Distribution	1000/	2022	* *	4	#200		
Central Plant Steam	100%	2033	~ ~	4	\$300		
Piping/Pmp							
Terminal Devices Convector/Radiator	100%	2028	\$20.700	1	\$2,000		
	100%	2028	\$30,700	1	\$2,000		
Air Conditioning							
Energy Source Electricity	100%	2045	* *	1			
	100%	2043		1			
Conversion Equipment Window/Wall Unit	40%	2019	\$4,800	1			
No Component	60%	2019	\$4,800	1			
Ventilation	0070						
Distribution							
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$1,700		
No Component	50%	LIIL		2-3	\$1,700		
Exhaust Fans	3070						
Roof	50%	2023	\$4,800	2	\$100		
Wall Unit	50%	2028	\$1,000	2	\$100		
Plumbing	2070	2020	Ψ1,000		Ψ100		
H/C Water Piping							
Galvanized Steel	100%	2028	\$25,100	1			
	No Water Meter, Extent	: Light, Area Affected :					
	Location: Basement						
Water Heater							
Gas Fired	100%	2021	\$3,500	2	\$100		
	Other Observation, Exte	nt : Light, Area Affected			·		
	Location: Basement						
	Explanation: 2 Units,	74 Gallons Each					
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)							
Submersible	100%	2019	\$200	4	\$200		
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 323 Address : 6405 AVENUE N

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.323 / 13207 Yr Built/Renovated : 1932 / 2007

Area Sq Ft : 6,802 Project Type : FIRE DEPARTMENT

Date of Survey : 29-May-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8364 Lot : 6 BIN : 3235919

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$52,900
Interior Architecture	\$109,800	
Mechanical		\$47,400
Total	\$109,800	\$100,300
Importance Code A		\$52,900
Importance Code B	\$109,800	\$47,400
Total	\$109,800	\$100,300

Total	\$114,000	\$1,400	\$7,600	\$8,000
Importance Code C	\$15,100			\$2,300
Importance Code B	\$59,000	\$700	\$2,900	\$5,100
Importance Code A	\$39,800	\$700	\$4,800	\$700
Total	\$114,000	\$1,400	\$7,600	\$8,000
Mechanical	\$7,100	\$900	\$1,200	\$4,800
Electrical	\$2,200	\$500	\$2,400	\$500
Interior Architecture	\$65,500			\$2,800
Exterior Architecture	\$39,200		\$4,100	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 323

Asset #: 13207

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls Masonry: Brick	Water Pen	Now etration, E : Through	\$30,700 xtent : Light, Area out	LIFE Affected	**: 10%	5	\$20,400	
Masonry: Granite	5%			LIFE	* *	5	\$800	
Wood Overhead Doors	5%			2036	* *	5	\$5,700	
Windows Aluminum	Broken/M	Now issing Elem : Through	\$8,500 ents, Extent : Ligh	2039 t, Area A	* * ffected : 10%	5	\$1,000	
Parapets								
Cast Stone/Terra Cotta Masonry: Brick Masonry: Granite	10% 45% 5%			LIFE LIFE	* * * * * * * * * * * * * * * * * * * *	5 5 5	\$1,900 \$1,100 \$200	
Stucco Cement	40%			2036	* *	5	\$2,600	
Roof Modified Bitumen	100%			2028	\$52,900	10	\$9,100	
nterior Floors								
Cast in Place Concrete	Other Obs Location	: Apparati			* * d : 100% ng Up Apparatus F	5 Floor Fro	\$11,500 m Basement	
Quarry Tile	2% Broken/M	Now issing Elem : Through	\$300 ents, Extent : Mod out	2036 lerate, Ar	* * ea Affected : 10%	5	\$100	
Terrazzo	Cracking/	Now Crumbling, : Through	\$2,700 Extent : Light, Ar	LIFE ea Affect	* * ed : 10%	5	\$200	
Vinyl Tile	_		\$32,500 Extent : Severe, A	2033 rea Affec	* * cted : 100%	3	\$1,400	
Interior Walls								
Cast in Place Concrete	Cracking/	Now Crumbling, : Through	\$8,300 Extent : Light, Ar out	LIFE ea Affect	* * ed : 10%			
Ceramic Tile	35%			2032	* *	5	\$4,600	
Marble Panels	Int Morta	Now r Miss/Erod : Through	\$2,600 l, Extent : Light, A out	LIFE rea Affec	* * ted : 10%			
Plaster	Cracking/ Location Paint Peel	: Ladder T	: Severe, Area Aff		-	5	\$1,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 323

Asset #: 13207

Architecture		Current Rep	urrent Repair F		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	60%	Now	\$55,300	LIFE	* *	5	\$900	
	-	-	Extent: Moder	ate, Arec	a Affected : 20%			
	Location	: Basement						
	Spalling, H	Extent : Moder	ate, Area Affect	ted : 20%	ó			
	Location	: Basement						
Plaster	40%	Now	\$15,000	LIFE	* *	5	\$2,400	
	Cracking/	Crumbling, Ex	tent : Severe, A	rea Affec	eted : 30%			
	Location	: Ladder To F	Roof					
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Rep	pair Futur	Future Replacement		Future Replacement Maintenance		aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2043	* *	5				
		ent : Moderate, Area Affe	cted : 100%					
	Location : Electrical F	Room						
	Explanation : One 100	Amperes Main Disconn	ect Switch					
Switchgear / Switchboard								
Molded Case Bkrs	100%	2043	* *	5	\$200			
Raceway								
Conduit	100%	2043	* *	1				
Panelboards								
Fused Disc Sw	10%	2039	* *	5				
Molded Case Bkrs	90%	2039	* *	5	\$200			
Wiring								
Thermoplastic	70%	2043	* *	1				
Thermoplastic	30%	2049	* *	1				
Motor Controllers								
Locally Mounted	100%	2036	* *	5				
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
stand-by Power								
Transfer Switches								
Automatic	100%	2040	* *	1	\$2,100			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 323

Asset #: 13207

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2036	* *	1	\$2,600	
	Other Observation, Extent : Moder	rate, Area Affec	eted : 100%			
	Location : Outside					
	Explanation: One 40 Kw					
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Main Tank	100%	2063	* *	5	\$200	
	Other Observation, Extent : Moder	rate, Area Affec	eted : 100%			
	Location : Outside					
	Explanation: One 50 Gallons					
Lighting						
Interior Lighting						
Fluorescent	70%	2028	\$12,900	10	\$4,400	
Fluorescent	30%	2031	* *	10	\$1,900	
	Other Observation, Extent : Moder	rate, Area Affec	eted : 100%			
	Location: Basemnt					
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Service	35%	2028	\$1,200	1		
Emergency, Service	15%	2031	* *	1		
No Component	50%					
Exterior Lighting						
HID	100%	2028	\$25,600	10		

Mechanical	Current Repair	Future Replac	cement	М		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$6,700	
	Other Observation, Extent : Light, Are	ea Affected : 100%				
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2036	* *	1	\$2,200	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 323

Asset #: 13207

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2019	\$5,300	1		
No Component	60%							
rentilation								
Distribution	1.50/				***	2.5	.	
Ductwork/Diffusers	15%			LIFE	* *	2-5	\$600	
No Component	85%							
Exhaust Fans	1.50/			2022	#1.600	2		
Roof	15%	N	0.00	2023	\$1,600 * *	2		
Wall Unit	_	Now	\$600	2033		2		
	-	_	nt : Severe, Area A 2 Not Working, 1		10%			
No Component	60%							
lumbing								
H/C Water Piping								
Brass/Copper	100%			2023	\$47,400	1		
		ervation, E : Basemen	Extent : Moderate, . t	Area Affe	ected : 90%			
	Explana	ion : Aging	g Brass Pipe					
Water Heater								
Gas Fired	100%			2022	\$3,900	2	\$100	
			xtent : Light, Area	Affected	! : 100%			
	Location	: Basemen	t					
	Explana	ion : 2 Uni	ts / 75 Gallons					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2019	\$200	4	\$200	
Fixtures					+ - 00		+	
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 324

Address : 108-01 HORACE HARDING EXP.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.324 / 13208 Yr Built/Renovated : 1939 /

Area Sq Ft : 5,952 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1964 Lot : 65 BIN : 4048310

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$46,600	\$59,600
Mechanical		\$94,200
Total	\$46,600	\$153,800
Importance Code A	\$46,600	\$59,600
Importance Code B		\$94,200
Total	\$46,600	\$153,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,700			
Interior Architecture	\$3,200	\$500		\$300
Electrical	\$2,000	\$400	\$500	\$400
Mechanical	\$14,200	\$800	\$4,200	\$800
Total	\$58,000	\$1,700	\$4,700	\$1,500
Importance Code A	\$39,200	\$600	\$600	\$600
Importance Code B	\$17,100	\$1,100	\$4,100	\$800
Importance Code C	\$1,700			\$100
Total	\$58,000	\$1,700	\$4,700	\$1,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 324

Asset #: 13208

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick	Location	r Miss/Eroo : Through	\$46,600 d, Extent : Moderat out extent : Moderate, A			5	\$15,500	
		: Foundat		17 001 11990	. 10/0			
Masonry: Granite Masonry: Limestone	Cracking/0	_	\$20,600 Extent : Moderate	LIFE LIFE , Area Ą	* * * * ffected : 10%	5 5	\$400 \$700	
	Jnt Mortan	: Through r Miss/Eroo : Through	d, Extent : Modera	te, Area I	Affected : 25%			
Wood Overhead Doors	Location	ed Finish, : South Fo				5	\$4,700	
		ing, Extent : South Fo	: Moderate, Area acade	Affected	: 25%			
Roof Asphalt Shingle	Gut/DS No	Now on Func/Mi : Through	\$6,200 iss, Extent : Moder out	2026 ate, Area	\$30,800 a Affected : 25%			
Interior								
Floors Cast in Place Concrete	50%			LIFE	* *	5	\$10,000	
Ceramic Tile	5%			2032	* *	5	\$500	
Terrazzo	5%			LIFE	* *	5	\$400	
Vinyl Tile	40%			2023	\$31,000	3	\$1,400	
Interior Walls	-				+ -)		* ,	
Ceramic Tile	5%			2032	* *	5	\$200	
Gypsum Board	5%			LIFE	* *	5	\$100	
Masonry: Brick	10%			LIFE	* *			
Plaster	_	_	\$1,700 Extent : Moderate At Roof Access	LIFE , Area Ą	* * ffected : 10%	5	\$600	
			xtent : Moderate, A At Roof Access	Area Affe	ected : 10%			
Plywood/Hardboard	10%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In		_	\$1,500 Extent : Moderate Throughout	2028 e, Area A	\$7,400 ffected : 25%	5	\$500	
			: Severe, Area Aff Throughout	ected : 1	00%			
Exposed Concrete	25%			LIFE	* *	5	\$400	
Plaster	65%			LIFE	* *	5	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 324

Asset #: 13208

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	St Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	1000/		di di	_	**	
Molded Case Bkrs	100%	2033	**	5	\$200	
	Other Observation, Extent : Moderat Location : Electrical Room	e, Area Affectea : 100	J70			
	Explanation : Main Service Switcher	es - 2 Rated @ 200 A	mperes E	ach		
Switchgear / Switchboard	1		1			
Molded Case Bkrs	100%	2033	* *	5	\$200	
Raceway						
Conduit	100%	2033	* *	1		
Panelboards Molded Case Bkrs	100%	2031	* *	5	\$200	
Wiring	10070	2031			\$200	
Thermoplastic	100%	2033	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches Automatic	100%	2040	* *	1	\$1,800	
Generators	10070	2040		1	\$1,000	
Diesel	100%	2036	* *	1	\$2,300	
	Other Observation, Extent: Moderat	e, Area Affected : 100	0%			
	Location : Outside					
B	Explanation: Emergency Diesel Go	enerator Rated @ 40	Kw			
Batteries Lead/Acid	100%	2019	\$1,500	5	\$200	
Fuel Storage	10078	2019	\$1,500	3	\$200	
Main Tank	100%	2058	* *	5	\$200	
	Other Observation, Extent: Moderat		0%	-	,	
	Location : Outside					
	Explanation: 50 Gallon Capacity					
Lighting						
Interior Lighting Fluorescent	100%	2023	316,100	10	\$5,500	
Tuorescent	Other Observation, Extent : Moderat		-	10	\$5,500	
	Location: Throughout The Building		-			
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Service	50%		\$1,500	1		
Exit, LED	50%	2038	* *	1		
Exterior Lighting HID	100%	2023 \$	522,400	10		
пір	10070	2023 \$	22,400	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 324

Asset #: 13208

Mechanical	Current Repair Future Replacement		e Replacement	М				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/			20.42	* *			
Natural Gas	100%			2043	* *	1		
Conversion Equipment Steam Boiler	100%			2036	* *	1	\$5,900	
Steam Boner		ervation. E	xtent : Light, Area		! : 100%	1	\$5,500	
		: Basemen		55				
	Explanati	on : 1 Uni	t					
Distribution	·							
Central Plant Steam	100%	Now	\$4,700	2023	\$94,200	4	\$300	
Piping/Pmp								
			vere, Area Affecte	d: 20%				
	Location	: Return L	ine In Basement					
Terminal Devices	1000/			2020	#2 0.000		#1 000	
Convector/Radiator	100%			2028	\$29,800	1	\$1,900	
Air Conditioning								
Energy Source Electricity	100%			2031	* *	1		
Conversion Equipment	10070			2031		1		
Window/Wall Unit	50%			2019	\$5,800	1		
No Component	50%			_017	\$2 ,000	-		
Ventilation								
Exhaust Fans								
Wall Unit	15%			2023	\$300	2		
No Component	85%							
Plumbing								
H/C Water Piping	1000/		00.400		at. at.			
Brass/Copper	100%		\$2,100	2033	**	1		
		rvanon, Е. : From Str	xtent : Moderate, A	<i>Area А</i> јје	естеа : 100%			
			eei lete Water Main					
Water Heater	Ехріанан	on . Obsol	eie waier main					
Gas Fired	100%			2021	\$3,400	2	\$100	
Sanitary Piping	10070				ψ2,100		Ψ100	
Cast Iron	100%	Now	\$800	LIFE	* *	1		
			xtent : Severe, Are		ed : 10%			
	Location	: Basemen	t					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 325/LADDER 163

Address : 41-24 51st STREET

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,940 Project Type : FIRE DEPARTMENT

Date of Survey : 24-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 131 Lot : 31 BIN : 4000979

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$37,700	\$86,600
Total	\$37,700	\$86,600
Importance Code A	\$37,700	\$86,600
Total	\$37,700	\$86,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,700			
Interior Architecture	\$16,600			\$400
Electrical	\$2,000	\$400	\$500	\$400
Mechanical	\$18,600	\$900	\$10,800	\$900
Total	\$57,900	\$1,300	\$11,300	\$1,600
Importance Code A	\$21,300	\$500	\$600	\$500
Importance Code B	\$36,700	\$800	\$10,700	\$1,200
Importance Code C				
Total	\$57,900	\$1,300	\$11,300	\$1,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13209

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%		\$37,700	LIFE	* *	5	\$25,000	
			: Moderate, Area		: 15%			
			mestone Througho					
			d, Extent : Light, A	rea Affec	ted : 10%			
	Location	: Through	out					
Masonry: Granite	3%			LIFE	* *	5	\$700	
Masonry: Limestone	7%			LIFE	* *	5	\$1,500	
Wood Overhead Doors	5%			2028	\$46,500	5	\$7,400	
Windows								
Aluminum	100%	0-2	\$11,700	2039	* *	5	\$700	
	-		ent : Moderate, Are	ea Affecte	ed : 50%			
	Location	: Through	out					
Parapets								
Masonry: Brick	85%		\$7,000	LIFE	* *	5	\$2,400	
			d, Extent : Light, A	rea Affec	ted : 10%			
	Location	: Through	out Interior Face					
Masonry: Brownstone	10%			LIFE	* *	5	\$700	
Masonry: Limestone	5%			LIFE	* *	5	\$200	
			l, Extent : Light, A	rea Affec	ted : 10%			
	Location	ı : Through	out Coping					
Roof								
Built-Up (BUR)		Now	\$2,000	2023	\$40,000			
			xtent : Moderate, A	Area Affe	cted : 10%			
	Location	ı : Lower R	oof Over Stairs					
nterior								
Floors	600/				ماد ماد	_	#12.200	
Cast in Place Concrete	60%			LIFE	* *	5	\$12,300	
Terrazzo	10%	.c. 11:	F	LIFE	**	5	\$700	
	Cracking/ Location		Extent : Moderate	r, Area Aj	ffected : 5%			
Vinyl Tile	30%	0-2	\$7,100	2028	\$23,800	3	\$1,100	
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 35%			
	Location	: Through	out					
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$800	
Plaster	35%			LIFE	* *	5	\$1,300	
SGFT/Glazed Masonry	40%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13209

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$1,500	2036	* *	5	\$500	
		iscoloring, : Kitchen	Extent : Moderate	, Area Ą	ffected : 25%			
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	65%	Now	\$8,000	LIFE	* *	5	\$3,800	
	_	Crumbling, : Stairwell	Extent : Moderate	, Area A	ffected : 5%			

Electrical	Cı	ırrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		d Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2033	* *	5		
		ation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : B						
	Explanation	: Main Service Switch Ra	ted @ 20	00 Amperes			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2033	* *	5	\$200	
Raceway							
Conduit	100%		2033	* *	1		
Panelboards							
Molded Case Bkrs	100%		2031	* *	5	\$200	
Wiring							
Thermoplastic	100%		2033	* *	1		
Motor Controllers							
Locally Mounted	100%		2040	* *	5		
Ground							
Grounding Devices	1000/		LIDE	* *	-	#100	
Generic	100%		LIFE	* *	5	\$100	
Stand-by Power							
Transfer Switches	100%		2040	* *	1	\$1,800	
Automatic	100%		2040		1	\$1,800	
Generators Diesel	100%		2036	* *	1	\$2,300	
Diesei		ution, Extent : Moderate, A			1	\$2,300	
	Location : O		теи Ајје	ctea . 100/0			
		: Emergency Generator R	ated @ f	50 Kw			
Batteries	Бъргананон	. Emergency Generalor N	ineu & C	70 11 W			
Lead/Acid	100%		2019	\$1,500	5	\$200	
Fuel Storage	10070		2017	ψ1,500		Ψ200	
Main Tank	100%		2058	* *	5	\$200	
Widin Tunk		ntion, Extent : Moderate, A		ected : 100%	J	Ψ200	
	Location : O						
		: 125 Gallon Capacity					
Note: All component renairs \$ estin	-						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13209

Electrical	Current Repair	Futur	e Replacement	M						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Lighting										
Interior Lighting										
Fluorescent	75%	2028	\$12,100	10	\$4,100					
	Other Observation, Extent : Moderate, Area Affected : 100%									
	Location: Kitchen And 2nd Floor									
	Explanation: T-8 Lamps									
Fluorescent	20%	2023	\$3,200	10	\$1,100					
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%							
	Location: 1st Floor									
	Explanation: T-12 Lamps									
Incandescent	5%	2023	\$1,900	2						
Egress Lighting										
Emergency, Service	100%	2023	\$2,900	1						
Exterior Lighting										
HID	100%	2023	\$22,400	10						

Mechanical	Current Repa	ir Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	20%	2033	* *	1		
Natural Gas	80%	2049	* *	1		
Conversion Equipment						
Radiant Heater	20%	2031	* *	2	\$600	
	Other Observation, Exten	t : Light, Area Affected : I	100%			
	Location : Apparatus Fl	oor				
	Explanation: Recently 1	nstalled Electric Unit Hed	aters			
Steam Boiler	80%	2036	* *	1	\$4,700	
	Other Observation, Exten	t : Light, Area Affected : I	100%			
	Location: Basement					
	Explanation: 1 Gas Fire	ed Steam Boiler				
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Air Handler	30%	2023	\$23,400	1	\$1,100	
Convector/Radiator	50%	2028	\$14,900	1	\$1,000	
No Component	20%					
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13209

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment Ext Pkg Unit - Heating/Cooling	50%	0-2	\$17,400	2023	\$34,800	2	\$100	
2 2	Broken, E.	xtent : Seve	re, Area Affected :	50%				
	Location	: Roof						
Window/Wall Unit	50%			2021	\$5,800	1		
Terminal Devices								
Air Handler/Cool/Ht	50%			2023	\$31,100	1	\$1,800	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$3,300	
Exhaust Fans								
Roof	10%			2028	\$900	2		
Wall Unit	20%			2023	\$400	2		
No Component	70%							
Plumbing								
H/C Water Piping	100%			2043	* *	1		
Brass/Copper Water Heater	100%			2043		1		
Water Heater Gas Fired	100%			2021	\$3,400	2	\$100	
	10070			2021	\$3,400		\$100	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070			LIFE		1		
Cast Iron	100%			LIFE	* *	1		
Cast Iron		ervation. F	Extent : Light, Area		1 : 100%	1		
		: Through		12,500100	. 100,0			
				s Steel R	loof Pocket Drain T	To Leade	rs	
Sump Pump(s)			,					
Submersible	100%			2019	\$200	4	\$200	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 326/LADDER 160
Address : 64-04 SPRINGFIELD BOULEVARD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.326 / 13210 Yr Built/Renovated : 1984 /

Area Sq Ft : 8,862 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Oct-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7621 Lot : 12 BIN : 4162454

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$51,200
Interior Architecture	\$42,800	
Electrical	\$69,600	\$24,400
Total	\$112,400	\$75,600
Importance Code A		\$51,200
Importance Code B	\$112,400	\$24,400
Total	\$112,400	\$75,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,200		\$200	
Interior Architecture	\$47,600		\$500	\$1,100
Electrical	\$3,400	\$600	\$19,900	\$2,100
Mechanical	\$21,800	\$800	\$7,800	\$700
Total	\$107,000	\$1,400	\$28,300	\$4,000
Importance Code A	\$34,600	\$400	\$600	\$400
Importance Code B	\$72,400	\$900	\$27,700	\$3,400
Importance Code C				\$100
Total	\$107,000	\$1,400	\$28,300	\$4,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13210

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	2%			2043	* *	10	\$200	
Masonry: Brick	83%			LIFE	* *	5	\$9,900	
	•	air Eviden : All Faca	t, Extent : Light, A des	rea Affe	cted : 100%			
Wood Overhead Doors	15%	0-2	\$11,300	2036	* *	5	\$4,500	
	Punct/Tear	/Impact D	amage, Extent : Se	vere, Are	ea Affected : 10%			
	Location	: Exterior	On The Left					
Windows								
Aluminum	100%	0-2	\$12,500	2048	* *	5	\$200	1
		ssing Elem : Through	ents, Extent : Seve out	re, Area	Affected : 30%			
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$1,600	
	_		ent, Extent : Light, d Lower Roofs	Area Aff	ected : 100%			
Masonry: Brick	75%			LIFE	* *	5	\$800	
·	_		ent, Extent : Light, d Lower Roofs	Area Aff	ected : 100%			
Metal: Cage/Fence	5%			2036	* *	5-10	\$400	
Roof								
Roll Roofing	-		ent, Extent : Light, d Lower Roofs	2024 Area Aff	\$51,200 fected : 100%	5	\$20,700	
Interior								
Floors								
Cast in Place Concrete	50%	2-4	\$20,700	LIFE	* *	5	\$14,500	
	_	Crumbling, : Apparatı	Extent : Severe, A us Room	rea Affec	cted : 20%			
Ceramic Tile	5%			2032	* *	5	\$700	
Quarry Tile	5%			2036	* *	5	\$1,000	
Vinyl Tile	40%	Now	\$13,500	2031	* *	3	\$2,000	
,			ent, Extent : Light,		ected : 30%			
	Location	: Second F	loor Corridor					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2032	* *	5	\$300	
Concrete Masonry Unit	60%			LIFE	* *	5	\$1,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13210

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings	40%	0-2	¢42 000	2042	* *	5	\$2.700	
AcousTileSusp.Lay-In			\$42,800	2043		5	\$2,700	
		place Evide i : Through	ent, Extent : Light, out	Area Aff	ected : 100%			
		netration, E n : 2nd Floo	xtent : Moderate, A or Office	Area Affe	ected : 30%			
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	25%	Now	\$13,400	LIFE	* *	5	\$4,100	
- 7 F =	Broken/M		ents, Extent : Seve		Affected : 30%	-	4 -,	
		ı : Apparatı						
	Water Per	netration. E	xtent : Severe, Are	a Affecte	d : 30%			
		ı : Apparatı		33				
Plaster	25%			LIFE	* *	5	\$2,100	
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Asphalt	70%			2032	* *			
Cast in Place Concrete	30%			2036	* *			

ectrical	Current Repair	Future I	Replacement	M	Maintenance		
stem Component Type	% of Fail Date Estimated C Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
ler 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	2033	* *	5	\$200		
	Other Observation, Extent : Light, A	Area Affected : .	100%				
	Location: Basement						
	Explanation: 400 Amperes						
Switchgear / Switchboard							
Molded Case Bkrs	50%	2033	* *	5	\$100		
Molded Case Bkrs	50%	2023	\$24,400	5	\$100		
Raceway							
Conduit	100%	2033	* *	1			
Panelboards							
Molded Case Bkrs	90%	2031	* *	5	\$200		
Molded Case Bkrs	10%	2022	\$3,800	5			
Wiring			•				
Thermoplastic	100%	2033	* *	1			
Motor Controllers							
Locally Mounted	100%	2021	\$14,400	5	\$100		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13210

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Metal Water Pipe	100%	2028	\$9,500	5	\$300	
Stand-by Power						
Transfer Switches	1000/				** - * *	
Automatic	100%	2021	\$4,800	1	\$2,700	
Generators	1000/	• • • •	*		4.00	
Diesel	100%	2019	\$65,700	1	\$3,400	
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location: Basement					
	Explanation: 30 Kw					
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Day Tank	100%	2022	\$600	5	\$1,600	
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location: Basement					
	Explanation: 75 Gallons					
Lighting						
Interior Lighting	7.50/	2022	#10.000	10	ØC 100	
Fluorescent	75%	2023	\$18,000	10	\$6,100	
	Other Observation, Extent: Light,	Area Affected :	100%			
	Location: Throughout					
	Explanation: Mostly T-12.					
Fluorescent	23%	2023	\$5,500	10	\$1,900	
	Other Observation, Extent: Light,	Area Affected :	100%			
	Location : Throughout					
	Explanation: Mostly T-8					
Incandescent	2%	2019	\$1,100	2		
Egress Lighting						
Exit, LED	100%	2038	* *	1		
Exterior Lighting						
HID	40%	2023	\$13,400	10		
No Component	60%					

Mechanical	Current	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2036	* *	1	\$4,400	
Distribution							
Hot Wtr Piping/Pump	100%		2039	* *	4	\$700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 326/LADDER 160

Asset #: 13210

Mechanical		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices							** ***	
Convector/Radiator	90%			2036	**	1	\$2,600	
Unit Heater - Steam	10%			2028	\$3,000	4	\$100	
Air Conditioning								
Energy Source	1000/			2020	* *	1		
Electricity	100%			2039		1		
Conversion Equipment Exterior Pkg Unit - Cooling	40%	Now	\$8,100	2028	\$26,800	2	\$200	
coming			ere, Area Affected : Roof Of Kitchen	100%				
Window/Wall Unit	60%			2019	\$10,400	1		
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2	\$4,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,900	
Exhaust Fans							****	
Interior	25%		4.400	2023	\$7,400	2	\$100	
Roof	Broken, E.	Now xtent : Mod : Kitchen	\$2,100 lerate, Area Affecte Fan	2028 ed : 100%	\$10,300	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	\$5,100	2	\$100	
	Other Obs	ervation, I	Extent : Light, Area	Affected	!: 100%			
		: Basemei						
-	Explana	tion : 2 Un	its / 75 Gallons					
Sanitary Piping	1000/			TIPP	ملد بات			
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping	1000/			LIEE	* *	1		
Cast Iron	100%			LIFE		1		
Sump Pump(s) Submersible	100%			2019	\$300	4	\$300	
Backflow Preventer	10070			2019	\$300	4	\$300	
No Component	95%							
Generic Generic	5%			2031	* *	1		
Generic	Other Obs Location	ervation, I : Basemer tion : Boile			! : 100%	1		
Fixtures	Блрини	Done						
Generic	_	aucets/Val : Bathroo	ves/Heads, Extent : ms	Light, A	rea Affected : 20%	ś		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 326/LADDER 160

Asset #: 13210

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Fire Suppression

Sprinkler

No Component 90%

Other Observation, Extent: Light, Area Affected: 0%

Location: Kitchen

Explanation: Ansul System Serves Cooking Area

Generic 10% 2049 ** 1-2 \$300

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 329

Address : 402 BEACH 169th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.329 / 13211 Yr Built/Renovated : 1961 /

Area Sq Ft : 7,076 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 16325 Lot : 100 BIN : 4307098

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$48,100	\$101,900
Interior Architecture	\$13,500	\$36,000
Total	\$61,600	\$137,900
Importance Code A	\$48,100	\$101,900
Importance Code B	\$13,500	\$36,000
Total	\$61,600	\$137,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,400			
Interior Architecture	\$30,000		\$600	\$700
Electrical	\$8,600		\$14,500	
Mechanical	\$14,700	\$500	\$4,900	\$500
Total	\$75,700	\$500	\$20,000	\$1,200
Importance Code A	\$25,200	\$400	\$400	\$400
Importance Code B	\$47,000	\$200	\$19,500	\$900
Importance Code C	\$3,500		\$100	
Total	\$75,700	\$500	\$20,000	\$1,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 329

Asset #: 13211

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	0.70/		0.40.400			_	016000	
Masonry: Brick	85%		\$48,100	LIFE	**	5	\$16,000	
			xtent : Severe, Are					
		: South Sit	le Along 2nd Floor		a Ana East Façaae **		0 - 700	
Metal Panel	5%			2033		5-10	\$6,500	
Metal Sect. OHD	10%			2028	\$58,600	5	\$5,900	
Windows	100%			2039	* *	5	\$500	
Aluminum	100%			2039		3	\$300	
Parapets Cast Stone/Terra Cotta	10%	2-4	\$3,500	LIFE	* *	5	\$1,100	
Cast Stolle/ Terra Cotta			d, Extent : Modera		Affected : 40%	3	\$1,100	
	U	: Parapet		,	95 - 95			
Masonry: Brick		Now	\$14,400	LIFE	* *	5	\$1,200	
Wasoniy. Dilek			xtent : Moderate, A		cted : 15%	3	Ψ1,200	
		: Over Win		35				
Roof								
IRMA/Protected	25%			2028	\$24,700	10	\$2,500	
Membrane								
			Extent : Light, Are	a Affecte	d: 100%			
		: Over Fir	st Floor					
Modified Bitumen		Now	\$4,300	2028	\$43,300			
			xtent : Severe, Are					
	Location	: 2nd Floo	r Front Over Offic	er Bunkr	room			
nterior								
Floors Cast in Place Concrete	40%			LIFE	* *	_	¢0.200	
Cast in Place Concrete Ceramic Tile	40% 5%			2026	\$10,200	5 5	\$9,300 \$500	
Vinyl Tile	40%			2028	\$36,000	3	\$2,100	
v myr The		ervation. F.	xtent : Light, Area		•	3	\$2,100	
		: 1st And 2		11,,, 00,000	. 100,0			
		ion : 12 X						
Vinyl Tile	15%	4+	\$2,700	2019	\$13,500	3	\$600	
,	Broken/Missing Elements, Extent: Moderate, Area Affected: 20%							
		: 2nd Floo			55			
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: 2nd Floo	r Locker Room, Bi	ınkroom .	And Sitting Room			
	Explana	ion : 9 X 9	Tiles					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 329

Asset #: 13211

Architecture		Current F	Repair	Futur	re Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Cast in Place Concrete	10%			LIFE	* *				
Ceramic Tile	5%			2026	\$4,500	5	\$200		
Concrete Masonry Unit	10%			LIFE	* *	5	\$100		
Plaster	45%	Now	\$3,500	LIFE	* *	5	\$400		
	Cracking/	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
	Location	: 2nd Floo	r Throughout						
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	ed : 10%				
	Location	: Stairwell	, Officer Locker R	oom And	Bunkroom And 2nd	nd Floor S	Sitting Room		
SGFT/Glazed Masonry	30%			LIFE	* *				
Ceilings									
AcousTileSusp.Lay-In	5%			2036	* *	5	\$500		
	Staining/D	iscoloring,	Extent: Light, Are	ea Affect	ed : 5%				
	Location	: 1st Floor	•						
Exposed Concrete	35%	4+	\$2,400	LIFE	* *	5	\$600		
1		ing, Extent	: Moderate, Area		: 30%		,		
	Location	: Apparatı	is Room	55					
Gypsum Board	10%			LIFE	* *	5	\$1,300		
Plaster	50%	Now	\$20,800	LIFE	* *	5	\$3,300		
	Broken/Missing Elements, Extent: Moderate, Area Affected: 15%								
	Location: Underside Of Basement Stair								
			ere, Area Affected						
			Apparatus Room A		Floor				

lectrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
estem Component Type	% of Fail D Total (Year	ate Estimated Cost es)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts							
Service Equipment							
Fused Disc Sw	100% 4+	\$2,400	2033	* *	5		
	Enclosure Corrod	led, Extent : Moderate	, Area Af	fected : 50%			
	Location: Bases	ment Electrical Room					
	Other Observation	n, Extent : Light, Area	Affected	: 100%			
	Location: Bases	ment Electrical Room					
	Explanation: 40	00 Amp					
Raceway							
Conduit	100%		2023	\$31,300	1		
Panelboards							
Molded Case Bkrs	100%		2031	* *	5	\$200	
Wiring							
Braided Cloth	10% 4+	\$1,700	2039	* *	1		
	Insulation Aged, I	Extent : Moderate, Are	a Affecte	d : 100%			
	Location: Thro	ughout					
Thermoplastic	90%		2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 329

Asset #: 13211

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2021	\$14,400	5		
	Other Observation, Extent : Light, A	Area Affected	: 100%			
	Location: 1st Floor					
	Explanation : Motor Controller F	or I Overhead	l Door			
Lighting						
Interior Lighting	600/	2022	¢11.500	10	¢2.000	
Fluorescent	60%	2023	\$11,500	10	\$3,900	
	Motion Sensors in Use, Extent: Lig	nt, Area Affec	tea : 100%			
	Location: Throughout	T:-1-4 A A /	T1-1-1000/			
	T-12 Lamps And Fixtures, Extent : Location : 1st And 2nd Floor	Lignī, Area A <u>J</u>	<i>јестеа : 100%</i>			
	-					
Fluorescent	30%	2023	\$5,800	10	\$1,900	
	Motion Sensors in Use, Extent : Lig Location : Basement	ht, Area Affec	ted : 75%			
	T-8 Lamps And Fixtures, Extent: L	ight, Area Affe	ected : 100%			
	Location: Basement					
Incandescent	10%	2019	\$4,500	2		
	Other Observation, Extent : Light, A			_		
	Location: Basement					
	Explanation: Incandescent Lamp.	s In Use				
Exterior Lighting						
HID	100%	2023	\$26,700	10		
	Other Observation, Extent: Light, A	Area Affected	: 100%			
	Location: Exterior Throughout					
	Explanation: Controlled Via Pho	tocell				
Alarm						
Fire/Smoke Detection						
No Component	95%					
Generic	5%	2023	\$3,700	1-3	\$200	

Mechanical		Current Repair		Future Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2036	* *	1	\$3,500	
Distribution							
Hot Wtr Piping/Pump	100%		2039	* *	4	\$500	
Terminal Devices							
Convector/Radiator	60%		2028	\$21,300	1	\$1,400	
Unit Heater - Steam	40%		2023	\$9,500	4	\$400	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 329

Asset #: 13211

Mechanical	Curre	nt Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	100%		2019	\$13,800	1		
Ventilation							
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$2,000	
No Component	50%						
Exhaust Fans							
Interior	50%		2023	\$11,800	2	\$100	
Roof	50%		2023	\$5,500	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		
Water Heater							
Gas Fired	100%		2021	\$4,000	2	\$100	
	Other Observation	ı, Extent : Light, Area	Affected	! : 100%			
	Location : Cella	r Mechanical Room					
<u> </u>	Explanation : Or	1e 75 Gallon Heater					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2023	\$1,000	4	\$200	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 33/LADDER CO. 9
Address : 42 GREAT JONES STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.033 / 13021 Yr Built/Renovated : 1898 /

Area Sq Ft : 12,649 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 531 Lot : 49 BIN : 1008526

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$42,200	
Interior Architecture	\$42,600	
Electrical		\$35,600
Total	\$84,800	\$35,600
Importance Code A	\$42,200	
Importance Code B	\$42,600	\$35,600
Total	\$84.800	\$35,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$84,300		\$26,300	
Interior Architecture	\$47,900		\$700	\$600
Electrical	\$1,200	\$2,800	\$5,700	\$900
Mechanical	\$8,400	\$2,200	\$19,300	\$2,000
Total	\$141,800	\$5,000	\$52,000	\$3,400
Importance Code A	\$85,500	\$1,300	\$27,600	\$1,300
Importance Code B	\$44,000	\$3,700	\$24,400	\$2,200
Importance Code C	\$12,300			
Total	\$141,800	\$5,000	\$52,000	\$3,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13021

rchitecture		Current F	Repair	Futu	re Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	\$28,900	
Masonry: Granite	5%		\$14,300	LIFE	* *	5	\$1,700	
		_	ients, Extent : Mod Panels Adjacent To		rea Affected : 5% ad Door Openings			
Masonry: Limestone	10%	0-2	\$26,500	LIFE	* *	5	\$3,300	
·	_	Cracks, Ext	tent : Moderate, Ai		ted : 10%			
Metal Panel	5%			2036	* *	5-10	\$15,300	
Metal: Cage/Fence	5%			2031	* *	5	\$9,700	
Wood Overhead Doors	10%			2031	* *	5	\$22,200	
Windows							·	
Aluminum	50%			2034	* *	5	\$1,300	
Wood	50%			2034	* *	5	\$13,400	
Parapets								
Masonry: Brick	Loose/Del Location	ı : Main Ro	-			5	\$1,100	1
	Location	ı : Main Ro	-					
	_		g, Extent : Severe, A of Parapets	Area Affe	ected : 100%			
Masonry: Sandstone	Cracking/ Location	: Through	\$19,000 Extent : Severe, A out Extent : Severe, Ar			5	\$200	
	Location	: Through	out					
	Location	: Through						
	Explana	tion : Copii	ng Stones Have Fa	iled And	Need To Be Replac	ced.		
Roof	• • • •			2025	* *	10	* * * * *	
Asphalt Shingle	20%			2029	* *	10	\$400	
Copper/Terne	20%		¢1.000	2041		10	\$6,200	
Roll Roofing	60% 2-4 \$16,800 2028 \$33,500 5 \$6,200 Deteriorated Finish, Extent: Moderate, Area Affected: 100% Location: Main Roof							
	Water Per		xtent : Moderate, A	Area Affe	ected : 20%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13021

rchitecture	Current	Current Repair Future Replaceme			ent Maintenance		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Floors	400/ 1	¢4.200	LIEE	* *	_	¢1 < 100	
Cast in Place Concrete	40% Now Other Observation, I Location: Apparat Explanation: Epox	us Floor			5	\$16,100	
Ceramic Tile	5%		2039	* *	5	\$900	
	Recent Replace Evid Location : 2nd And	· ·		ected : 70%			
Quarry Tile	5%		2031	* *	5	\$1,400	
Vinyl Tile	25% Now	\$42,600	2036	* *	3	\$1,700	
	Broken/Missing Elen Location : 2nd Floo	or					
	Patching Evident, Ex Location: 2nd Floo		rea Affec	ted : 30%			
	Uneven Substrate, E. Location : 2nd Floo		rea Affec	eted : 50%			
	Other Observation, I Location : 2nd Flo	or					
	Explanation: Viny		d, Deterio				
Wood	25% 0-2 Dry Rot/Decay, Exte Location: Attic	\$16,500 nt : Severe, Area Aj	2054 ffected :	**	5	\$4,300	
Interior Walls							
Ceramic Tile	5% Recent Replace Evid Location : 2nd And	_		* * ected : 70%	5	\$1,400	
Gypsum Board	5%		LIFE	* *	5	\$800	
Masonry: Brick	20% Now	\$11,600	LIFE	* *		,	
•	Diagonal Cracks, Ex Location : 4th Floo	tent : Light, Area A	Affected :	10%			
	Vertical Cracks, Exte Location : 4th Floo		fected : 1	0%			
Plaster	45% Paint Peeling, Extent Location: Through		LIFE cted: 159	**	5	\$3,700	
SGFT/Glazed Masonry	25%		LIFE	* *			
Ceilings	<u> </u>						
Embossed Metal	75% 0-2 Broken/Missing Elen Location : All Floo		LIFE erate, Ar	* * ea Affected : 15%	5	\$6,700	
Gypsum Board	5% Now Broken/Missing Elen Location: Basemer	_	LIFE t, Area A	* * ffected : 2%	5	\$1,200	
M T (**)	Location : Basemen	и ваштоот	TIPP	* *			
Masonry: Infill Arch	20%		LIFE	* *			

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13021

Architecture	Current Repair			e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% 2046 **

Other Observation, Extent: Light, Area Affected: 100%

Location: Entry To Apparatus Floor

Explanation: Under Construction/Replacement

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$100	
	Other Observation, Extent: Light,	Area Affected .	: 100%			
	Location: Basement					
	Explanation: 400 Amperes					
Switchgear / Switchboard				_	****	
Fused Disc Sw	100%	2036	* *	5	\$100	
Raceway						
Conduit	100%	2036	* *	1		
Panelboards						
Molded Case Bkrs	75%	2034	* *	5	\$300	
Molded Case Bkrs	25%	2042	* *	5	\$100	
Wiring						
Thermoplastic	100%	2036	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches	1000/		de de		** ***	
Automatic	100%	2039	* *	1	\$3,900	
Generators	1000/		* *			
Diesel	100%	2035		1	\$4,900	
	Other Observation, Extent: Light,	Area Affected .	: 100%			
	Location: Basement					
-	Explanation: 62 Kw Generator					
Batteries	1000/	2020	#1 (00	_	0.500	
Lead/Acid	100%	2020	\$1,600	5	\$500	
Fuel Storage	1000/	2051	* *	_	0.400	
Main Tank	100%	2054		5	\$400	
	Other Observation, Extent: Light,	Area Affected .	: 100%			
	Location: Basement					
Lighting	Explanation: 75 Gallon Tank					

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13021

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimates Total (Years)	ated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	95%	2026	\$35,600	10	\$11,000	
	T-8 Lamps And Fixtures, Ext	ent : Light, Area Affed	cted : 100%			
	Location: Throughout The	Building				
Incandescent	5%	2021	\$4,400	2		
Egress Lighting						
Exit, Service	20%	2021	\$300	1		
No Component	80%					
Exterior Lighting						
HID	50%	2031	* *	10		
No Component	50%					

Mechanical		Current Rep	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	\$12,500	
Distribution								
Central Plant Steam	100%			2036	* *	4	\$900	
Piping/Pmp								
Terminal Devices								
Convector/Radiator	90%			2031	* *	1	\$3,700	
Unit Heater - Steam	10%			2026	\$4,600	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	\$8,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,100	
Exhaust Fans								
Roof	30%	Now	\$6,400	2036	* *	2	\$100	
	Malfunctio	oning, Extent :	Severe, Area A	ffected :	100%			
	Location	: Kitchen Gri	11					
	Noisy/Vibi	rating, Extent	: Severe, Area A	ffected :	100%			
	Location	: Kitchen Gri	11					
Roof	70%			2031	* *	2	\$300	
Plumbing								

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13021

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
	Booster Pump w/Tank, Ext	ent : Light, Area Affected	: 100%			
	Location: Basement					
Water Heater						
Gas Fired	100%	2021	\$7,900	2	\$200	
	Other Observation, Extent	: Light, Area Affected : 10	00%			
	Location: Basement					
	Explanation: 2 - 75 Gall	on Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$2,100	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 330/LADDER CO. 172

Address : 2312 65th STREET BTWN W. 4TH ST - W. 5TH ST

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 7,740 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6580 Lot : 6 BIN : 3173419

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$42,300	
Electrical		\$87,300
Mechanical	\$44,600	
Total	\$86,900	\$87,300
Importance Code A	\$86,900	
Importance Code B		\$87,300
Total	\$86,900	\$87,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,900			
Interior Architecture	\$59,600			\$500
Electrical	\$2,500			
Mechanical	\$23,000	\$800	\$700	\$32,400
Site Enclosure	\$11,700			
Total	\$136,700	\$800	\$700	\$32,900
Importance Code A	\$40,000	\$400	\$400	\$400
Importance Code B	\$75,700	\$400	\$300	\$32,500
Importance Code C	\$21,000			
Total	\$136,700	\$800	\$700	\$32,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13212

Architecture	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	200/	0.10.0 00	•				
Alum/Vinyl Siding	30% 0-2 Deformed/Dented, Ex Location: Both Side		2044 a Affected	* * ! : 30%			
Masonry: Brick	60%		LIFE	* *	5	\$12,800	
Wood Overhead Doors	10%		2044	* *	5	\$10,600	
	Recent Replace Evide Location : Through	_	Area Affe	ected : 100%			
Windows							
Aluminum	100% 0-2 Broken/Missing Elem Location : Through		2049 re, Area	* * Affected : 100%	5	\$300	1
Parapets							
Cast Stone/Terra Cotta	10%		LIFE	* *	5	\$1,000	
	Other Observation, E Location: Top Of P Explanation: Copin	arapet Walls	Affected	: 100%			
Masonry: Brick	90%		LIFE	* *	5	\$1,100	
Roof							
Modified Bitumen	30%		2029	* *	10	\$3,100	
Roll Roofing	70% 0-2 Cracking/Crumbling, Location: Through		2023 rea Affec	\$29,800 sted : 30%	5	\$6,000	1
nterior							
Floors							
Cast in Place Concrete	50% 0-2 Cracking/Crumbling, Location: Through		LIFE ea Affecte	* * ed : 10%	5	\$11,900	
Ceramic Tile	5% 0-2 Cracking/Crumbling, Location: Through		2033 e, Area Aj	* * ffected : 20%	5	\$300	
Quarry Tile	10% 0-2	\$9,300	2037	* *	5	\$800	
,	Broken/Missing Elem Location : 2nd Floo	ents, Extent : Mod		ea Affected : 25%		****	
Vinyl Tile	25% 0-2 Split/Cracked, Extent Location: 3rd Floo		2029 cted : 5%	* *	3	\$1,000	
Vinyl Tile	10% Now Other Observation, E Location: 2nd Floo Explanation: 9x9's	r Hallway		* * d : 100%	3	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13212

Architecture		Current F	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls	5 0/				*			
Cast in Place Concrete	5%			LIFE	*:		Φ.5.0.0	
Ceramic Tile	10% 5%	0-2	¢1 000	2033	*:	5	\$500	
Concrete Masonry Unit	Broken/M		\$1,000 ents, Extent : Ligh out	LIFE t, Area A		. 3	\$100	
Gypsum Board	15%	0-2	\$300	LIFE	*	* 5	\$400	
	_	Crumbling, : Through	Extent : Moderate out	, Area A	ffected : 20%			
Plaster	10%			LIFE	*	* 5	\$100	
SGFT/Glazed Masonry	45%		\$8,000	LIFE	*	*		
		Crumbling, : Through	Extent : Light, Are out	ea Affect	ed : 10%			
Wood	10%			LIFE	*	* 5	\$1,800	
	Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: 3rd Floo	r Gymnasium					
	Explana	tion : Walls	Are Covered					
Ceilings								
AcousTileSusp.Lay-In	_		\$1,800 Extent : Moderate out	2037 , Area A	** ffected : 10%	* 5	\$1,100	
Exposed Concrete		0-2 Crumbling, : Through	\$3,500 Extent : Light, Are	LIFE ea Affect	* : ed : 10%	* 5	\$300	
Plaster	60%	2-4	\$8,500	LIFE	*	* 5	\$4,100	
	Location	: Apparati	, Extent : Severe, A us Room : Moderate, Area					
		: Apparati		33				
			Extent : Severe, Are	a Affecte	ed : 70%			
		: 3rd Floo		33				
	Explana	tion : Paint	Peeling On Bunk	Room Ce	eiling			
Site Enclosure	•							
Fence/Gates								
Chain link	Location	ervation, E : Front Le	\$11,700 Extent: Severe, Are ft And Right Sides In Link Gates			*		
Site Pavements								
On-Site Walkways Cast in Place Concrete	100%			2037	*	*		
Parking/Driveway Cast in Place Concrete	100%			2037	*	*		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13212

Electrical	ctrical Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2024	\$4,800	5		
	Other Observation, Extent: Modera		eted : 100%			
	Location : Basement Electrical Ro					
	Explanation: 1-400 Amperes Swit	tch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2024	\$48,800	5		
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Molded Case Bkrs	100%	2023	\$38,500	5	\$200	
Wiring						
Thermoplastic	100%	2024	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2029	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Modera Location : Basement	te, Area Affeo	cted : 100%			
	Explanation: Water Main					
Lighting						
Interior Lighting						
Fluorescent	95%	2024	\$19,900	10	\$6,700	
	Other Observation, Extent: Modera	te, Area Affeo	cted : 100%			
	Location : Throughout					
	Explanation: T-12 In Basement /	T-8 At 1st Flo	oor			
Incandescent	5%	2019	\$2,500	2		
Exterior Lighting			-			
HID	100%	2024	\$29,200	10		

l echanical		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Furnace	20%			2029	* *	1	\$800	
Hot Water Boiler	80%	0-2	\$44,600	2044	* *	1	\$2,800	
	On Extendo	ed Life, Exte	nt : Moderate, A	rea Affec	rted : 100%			
	Location	: Basement						
Distribution								
Hot Wtr Piping/Pump	80%			2032	* *	4	\$500	
No Component	20%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13212

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Terminal Devices				
Convector/Radiator	100%	2029 **	1 \$2,500	
Air Conditioning				
Energy Source Electricity	100%	2032 **	1	
Conversion Equipment	10070	2032	1	
Window/Wall Unit	100% Now \$15,10 On Extended Life, Extent : Severe, A Location : 2nd Floor	. ,	1	
Ventilation				
Exhaust Fans				
Wall Unit	100% 0-2 \$2,60 Malfunctioning, Extent: Severe, Are Location: Apparatus Floor		2 \$200	
Plumbing				
H/C Water Piping				
Galvanized Steel	100% 0-2 \$1,60 Corroded, Extent : Moderate, Area A Location : Shut Off Valve		1	
Sanitary Piping	55			
Cast Iron	100% Now \$2,60 Other Observation, Extent: Light, A Location: Apparatus Floor Explanation: Backs Up		1	
Storm Drain Piping				
Cast Iron	100%	LIFE **	1	
Sump Pump(s) Submersible	100% 0-2 \$20 On Extended Life, Extent : Light, Art Location : Basement		4 \$200	
Fixtures				
Generic	100% Obsolete Fixtures, Extent : Severe, A Location : Total House	Area Affected : 100%		
Fire Suppression Chemical System				
No Component	90%			
Generic	10% Other Observation, Extent : Light, A Location : Throughout	2019 \$200 rea Affected : 100%	1-3 \$400	
	Location: Throughout Explanation: Fire Extinguishers			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 331/LADDER CO. 173 Address : 158-57 CROSS BAY BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 8,732 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 14163 Lot : 101 BIN : 4295071

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$127,700
Interior Architecture		\$3,000
Electrical	\$34,600	
Mechanical		\$62,900
Total	\$34,600	\$193,700
Importance Code A		\$190,600
Importance Code B	\$34,600	\$3,000
Total	\$34,600	\$193,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,600			
Interior Architecture	\$50,100		\$700	\$900
Electrical	\$29,100			\$100
Mechanical	\$30,000	\$900	\$8,800	\$900
Total	\$129,900	\$1,000	\$9,500	\$1,900
Importance Code A	\$21,100	\$400	\$400	\$400
Importance Code B	\$91,800	\$500	\$8,600	\$1,500
Importance Code C	\$17,000		\$500	
Total	\$129,900	\$1,000	\$9,500	\$1,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13213

Architecture	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	90%		LIFE	**	5	\$17,400	
Metal Sect. OHD	10% Now	\$3,000	2028	\$60,400	5	\$3,000	
	Other Observation, E		a Affecte	ed: 5%			
	Location : Side Fac						
777' 1	Explanation: Two	Metal Doors Deter	iorated				
Windows Aluminum	95% Now	¢2 200	2031	* *	5	\$800	
Aluminum		\$3,200			3	\$800	
	Location: Through	Caulking Deteriorated, Extent: Severe, Area Affected: 15%					
M / 11		-oui	2026	Φ2 400	1.0	Φ.5.0.0	
Metal Louvers	5%		2026	\$2,400	10	\$500	
Parapets Cast Stone/Terra Cotta	5%		LIEE	* *	_	¢1 200	
	3% 70%		LIFE LIFE	* *	5 5	\$1,300 \$2,300	
Masonry: Brick		tont : Light Area A			3	\$2,300	
	Diagonal Cracks, Extent : Light, Area Affected : 2% Location : 2nd Floor Bulkhead						
M-4-1 D-:1		л Викнеии ———————————————————————————————————	2020	\$22.200	<i>5</i> 10	¢15 100	
Metal Rail	25%		2028	\$22,300	5-10	\$15,100	
Roof	13% 0-2	\$3,000	2036	* *			
Asphalt Shingle	Cracking/Crumbling			ffected · 10%			
	Location : Over Lo		, 111eu 1	<i>Jeciea</i> . 4070			
	Worn/Eroded, Extent: Moderate, Area Affected: 35%						
	Location : Over Ki		ijjecieu	. 5570			
Modified Bitumen	85% Now	\$3,400	2023	\$67,300			
Modified Bitumen	Water Penetration, E						
	Location : Front No		и Ајјесте	u . 570			
Skylight, Metal/Glass	2% Now	\$8,000	2043	* *			1
, ,	Water Penetration, E	. ,		d : 50%			
	Location : Skylight	At Kitchen					
Interior							

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13213

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	4%			2019	\$6,100	3	\$1,000	
Cast in Place Concrete	40%	4+	\$2,500	LIFE	* *	5	\$10,400	
	_	_	Extent : Moderate	-	ffected : 5%			
		: Apparati	ıs Floor Near Rear					
Ceramic Tile	4%			2026	\$9,200	5	\$500	
Quarry Tile	5%			2028	\$17,100	5	\$900	
Terrazzo	4%			LIFE	* *	5	\$400	
Vinyl Tile	40%	4+	\$20,200	2033	* *	3	\$1,800	
	_	Crumbling, : 2nd Floo	Extent : Moderate or	, Area Ą	ffected : 35%			
	Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: 90 Perce	nt Of 2nd Floor					
	Explana	tion : 9 X 9	Tiles					
Vinyl Tile	3%			2028	\$3,000	3	\$200	
	Location		xtent : Light, Area nt Of 2nd Floor	Affected	! : 100%			
Interior Walls	Ехріана	110n . 12 A	12 Tiles					
Ceramic Tile	5%			2026	\$25,400	5	\$900	
Concrete Masonry Unit	40%	Now	\$8,200	LIFE	**	5	\$2,900	
Concrete Masoniy Chin	Water Pen		xtent : Severe, Arec		d : 10%	3	Ψ2,700	
Plaster	20%	0-2	\$8,900	LIFE	* *	5	\$1,100	
	_	Crumbling, : 2nd Floo	Extent : Severe, A	rea Affeo	cted : 35%			
		etration, E	xtent : Severe, Areo	a Affecte	d : 10%			
CCFT/C1 - 1M		. 21ta 1 too		LIEE	* *			
SGFT/Glazed Masonry Ceilings	35%			LIFE				
Exposed Concrete	35%			LIFE	* *	5	\$600	
Gypsum Board	10%			LIFE	* *	5	\$1,400	
Plaster	55%	0-2	\$4,100	LIFE	* *	5	\$3,900	
1 145101			derate, Area Affeci		6	5	ψ3,700	
			r Rear And 2nd Flo					
			xtent : Severe, Area		d : 10%			
		: 2nd Floo		55				

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13213

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Molded Case Bkrs	100%	2023 \$4,800	5 \$200	
	Other Observation, Extent : Light, Are			
	Location: 1st Floor Electrical Close			
	Explanation: 350 Amperes Main Cir	cuit Breaker		
Raceway	0.50/	0000 000 000		
Conduit	95%	2023 \$29,700	1	
Conduit	5%	2023 \$1,600	1	
Panelboards	000/	2022 #24.600	5	
Molded Case Bkrs	90%	2022 \$34,600	5 \$200	
	Other Observation, Extent: Moderate,	Area Affected: 10%		
	Location: 1st Floor	11/1 A 1:	1 1	
	Explanation: Circuit Breakers Trip			
Molded Case Bkrs	10% 0-2 \$3,800 Obsolete Equipment, Extent : Severe, A Location : Kitchen And Lounge	2048	5	
	On Extended Life, Extent : Severe, Are Location : 1st Floor Kitchen	a Affected : 100%		
Wiring				
Braided Cloth	5% 0-2 \$1,400 Insulation Aged, Extent : Moderate, An Location : Throughout	2048 ** rea Affected : 100%	1	
Thermoplastic	95%	2033 **	1	
Motor Controllers				
Locally Mounted	100%	2028 \$14,400	5 \$100	
·	Other Observation, Extent : Light, Are Location : 1st Floor			
	Explanation: Motor Controllers For	2 Overhead Doors		
Ground				
Grounding Devices	1000/	1100 **	<i>5</i> 0100	
Generic	100%	LIFE	5 \$100	
	Other Observation, Extent : Light, Are Location : 1st Floor	а Ајјестеа : 100%		
	Explanation: 2 Ground Devices			
ighting	Explanation . 2 Ground Devices			

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13213

Electrical	Current Repa	ir Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	45% 0-2 Damaged Fixtures, Extent Location: Throughout					
	Inadequate Lighting Level		rea Affected : 50%	•		
	Location: 1st Floor App		rc . 1 1000/			
	T-12 Lamps And Fixtures, Location: 1st Floor	Extent : Light, Area A	Affected: 100%			
Fluorescent	45% T-8 Lamps And Fixtures, 1 Location : Throughout	2023 Extent : Light, Area A <u>f</u>	\$10,600 fected : 100%	10	\$3,600	
Incandescent	10% 0-2 Damaged Fixtures, Extent Location: Throughout Other Observation, Extent Location: 1st And 2nd F Explanation: Incandesc	t : Light, Area Affectec Floor Television Room	l : 100%	2		
Exterior Lighting	Explanation: Treatmese.	ent Bamps In Osc				
HID	25% 4+ Outdr Lights On During D Location : Exterior - Fro	=	\$8,200 erate, Area Affected	d : 100%		
Incandescent	75% 4+ Damaged Fixtures, Extent Location: Exterior Thro		\$21,000 ected : 50%	2		
Lightning Protection Arresters/Cabling						
Generic	100%	2038	* *	5	\$300	
Alarm Fire/Smoke Detection	050/					
No Component Generic	95% 5% 0-2 Devices Missing, Extent: Location: 2nd Floor	\$2,300 2028 Severe, Area Affected	\$4,500 : 50%	1-3	\$200	

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2028	\$62,900	1	\$4,300	
	Other Observation, Extent : Light, Area	Affected:	100%			
	Location: 1st Floor Mechanical Room	ı				
	Explanation: 2 Hydrotherm Modular	Boilers. O	riginal Equipmen	ıt.		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13213

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$600	
Terminal Devices							
Convector/Radiator	60%		2028	\$26,200	1	\$1,700	
Unit Heater - Steam	40%		2019	\$11,700	4	\$500	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	100%		2019	\$17,000	1		
Ventilation							
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$2,400	
No Component	50%						
Exhaust Fans							
Roof	100%		2028	\$13,600	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	10%		2043	* *	1		
Galvanized Steel	90%		2028	\$32,200	1		
Water Heater							
Gas Fired	100%		2021	\$5,000	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
	Other Obs	ervation, Extent : Light, Area	Affected	l : 100%			
	Location	: 1st Floor Mechanical Room	ı				
	Explana	ion : One 75 Gallon Heater					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	100%		2021	\$2,100	1-3	\$4,200	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 332/LADDER CO. 175 / RAC 2

Address : 165 BRADFORD STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 7,789 Project Type : FIRE DEPARTMENT

Date of Survey : 11-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3691 Lot : 1 BIN : 3083579

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$171,300
Interior Architecture		\$47,100
Electrical	\$50,500	\$126,500
Mechanical	\$50,500	\$109,100
Total	\$101,000	\$454,000
Importance Code A	\$50,500	\$171,300
Importance Code B	\$50,500	\$282,700
Total	\$101,000	\$454,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$27,600		\$9,400	\$21,500
Interior Architecture	\$900	\$400	\$700	
Electrical	\$16,400	\$1,100	\$16,900	\$1,200
Mechanical	\$26,900	\$700	\$1,800	\$9,800
Total	\$71,900	\$2,300	\$28,900	\$32,500
Importance Code A	\$28,000	\$400	\$9,800	\$21,900
Importance Code B	\$43,900	\$1,900	\$19,000	\$10,600
Importance Code C			\$200	
Total	\$71,900	\$2,300	\$28,900	\$32,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13214

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	St Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls					
Alum/Vinyl Siding	5%	2043 **	10	\$200	
Masonry: Brick	75% Now \$27,600		5	\$9,200	
	Diagonal Cracks, Extent: Moderate, Location: At Right Of Overhead Do				
	Split/Cracked, Extent: Moderate, Ard				
	Location: At Left Of Overhead Doo	==			
Matal Cailing Dans	10%		5	\$2.000	
Metal Coiling Doors	10% Corrosion/Rusting, Extent: Moderate		3	\$3,800	
	Location: Coiling Door Housing	e, Area Ajjeciea . 1070			
Wood Overhead Doors	10%	2028 \$38,600	5	\$6,100	
Windows	1070	2028 \$38,000	3	\$0,100	
Aluminum	100%	2022 \$21,300	5	\$500	
Parapets	10070	2022 \$21,500		φυσο	
Metal Panel	40%	2033 **	5	\$3,400	
	Other Observation, Extent : Light, Ar			4-,	
	Location : At Roof				
	Explanation: Metal Coping				
Metal Rail	60%	2036 **	5-10	\$24,000	
Roof					
Modified Bitumen	100%	2023 \$63,600	10	\$10,900	
	Alligatoring, Extent: Light, Area Affa	ected : 10%			
	Location : At Seams				
	Debris Present, Extent : Moderate, A	rea Affected : 15%			
	Location : 2 Story Roof				
Interior					
Floors	550/	TIEE **	-	¢14.000	
Cast in Place Concrete Ceramic Tile	55% 10%	LIFE ** 2026 \$22,600	5	\$14,000	
Quarry Tile	3%	2028 \$10,000	5 5	\$1,200 \$500	
Vinyl Tile	30%	2023 \$29,700	3	\$1,300	
v myr The	Worn/Eroded, Extent : Light, Area Aj		3	\$1,500	
	Location: Throughout 2nd Floor	yeerea : 2 070			
Wood	2%	2038 **	5	\$400	
Interior Walls	270	2036		\$ 1 00	
Cast in Place Concrete	10%	LIFE **			
Ceramic Tile	5%	2026 \$9,000	5	\$300	
Concrete Masonry Unit		LIFE **	5	\$1,200	
massing one	Horizontal Cracks, Extent : Light, Ar		-	¥-,=00	
	Location : Dormitory- Under Windo				
	Vertical Cracks, Extent : Moderate, A				
	Location: 2nd Floor- Locker Room	==			
Gypsum Board	5%	LIFE **	5	\$200	
SGFT/Glazed Masonry		LIFE **		, ,	
SGF I/Glazed Masonry	35%	LIFE **			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13214

Architecture	Curi	rent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	50% 4+	\$900	2028	\$47,100	5	\$2,900	
	Staining/Discold	oring, Extent : Moderate	, Area A	ffected : 5%			
	Location : Kito	chen And Office					
Exposed Struc: Steel	20%		LIFE	* *			
Gypsum Board	30%		LIFE	* *	5	\$4,400	

Electrical	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	75%	2043	* *	5				
	Other Observation, Extent : Light, Are		100%					
	Location: Basement Electrical Section							
	Explanation : Main Service 400 Amp	ı						
No Component	25%							
	Other Observation, Extent: Light, Are	a Affected :	0%					
	Location: Basement Electrical Section	on						
	Explanation: Abandoned In Place							
Raceway								
Conduit	80%	2023	\$25,000	1				
Conduit	20%	2043	* *	1				
Panelboards								
Molded Case Bkrs	80%	2022	\$30,800	5	\$200			
Molded Case Bkrs	20%	2039	* *	5				
Wiring								
Thermoplastic	80%	2023	\$22,200	1				
Thermoplastic	20%	2043	* *	1				
Motor Controllers								
Locally Mounted	100%	2021	\$14,400	5	\$100			
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
tand-by Power								
Transfer Switches								
Automatic	30%	2021	\$1,400	1	\$700			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement Electrical Section	on						
	Explanation: 150 Amp, 1 Ph, 120/24	0 V For Fi	rehouse					
Automatic	70%	2028	\$3,400	1	\$1,700			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Basement Electrical Section	on						
	Explanation: 600 Amp, 3 Ph 120/208	8 V For Co	mpressor Room					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13214

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators	2007	• • • •	0.10 -0.0		4000	
Diesel	30% Other Observation, Extent: Light, Area Location: Basement Explanation: 37 Kw/46 Kva, 1 Ph, 1			1	\$900	
Diesel	70%	$\frac{20/240 \text{ V I}}{2026}$		1	\$2.100	
Diesei	Other Observation, Extent: Light, Area Location: In Backyard Explanation: 150 Kw/187.5 Kva, 3	Affected		l sor Rooi	\$2,100 n	
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Day Tank	10% Other Observation, Extent: Light, Area Location: Basement Emergency Gena Explanation: 275 Gallon Diesel Fuel	erator Roo	pm	5 house	\$100	
Day Tank	15%	2031	**	5	\$200	
Day Talik	Other Observation, Extent : Light, Area Location : Backyard Explanation : 500 Gallon Sub-baseme	Affected				
Main Tank	75% Other Observation, Extent: Light, Area Location: Underground Explanation: 3000 Gallon Diesel Fu			5	\$200	
Lighting	1					
Interior Lighting						
Fluorescent	80% T-8 Lamps And Fixtures, Extent : Light Location : Throughout	2028 , Area Affe	\$16,900 ected : 100%	10	\$5,700	
HID	10% Other Observation, Extent: Light, Area Location: Apparatus Floor And Com, Explanation: Pendant Mounted			10		
Incandescent	10% Other Observation, Extent: Light, Area Location: Dining Room And Bunkroo Explanation: Downlights		\$5,000	2		
Egress Lighting						
Emergency, Service	50% Other Observation, Extent: Light, Area Location: Throughout Explanation: On Emergency General		\$1,900	1		
Exit, Service	50%	2023	\$400	1		
LAIL, BUIVICE	5070	2023	φτυυ	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 332/LADDER CO. 175 / RAC 2

Asset #: 13214

Electrical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority				
Lighting								
Exterior Lighting								
HID		,800 2033 **						
	Other Observation, Extent : Ligh	t, Area Affected : 100%						
	Location : Facade							
	Explanation : Burnt Out, Wall I	Mounted, Controlled Via Photoce	ell					
HID	20%	2028 \$5,900	10					
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Facade							
	Explanation: Wall Mounted, C	ontrolled Via Photocell						
Incandescent	20% Now \$5	,000 2033 **	2					
	Other Observation, Extent : Ligh	t, Area Affected : 100%						
	Location: Side Parking Lot							
	Explanation: Burnt Out Downl	lights, Controlled Via Switch						
Incandescent	30%	2023 \$7,500	2					
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Side Yard							
	Explanation: Downlights, Controlled Via Switch							
Alarm								
Fire/Smoke Detection								
Generic	100%	2023 \$80,500	1-3 \$4,800					
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Basement							
	Explanation : Full Sprinkler Ale	arm System						

Mechanical	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type	, , , , , , , , , , , , , , , , , , , ,	l Date Estimated (ears)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Furnace	10%		2028	\$1,700	1	\$400	
	Other Observa	Other Observation, Extent: Light, Area Affected: 100%					
	Location: 1s	t Floor					
	Explanation .	: Gas Fire Unit He	aters Serve Air	Bottle Fill Area			
Hot Water Boiler	90%		2021	\$50,500	1	\$3,500	
	Other Observa	ition, Extent : Light	, Area Affected	: 100%			
	Location : Bo	asement					
	Explanation .	: 3 Section Modula	r Boiler				
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$600	
Terminal Devices							
Fan Coil Unit/Heat	100% N	ow \$21,	800 2023	\$109,100	1	\$2,300	
	Other Observa	tion, Extent : Mode	erate, Area Affe	cted : 25%			
	Location : Th	hroughout					
		: Covers Damaged	/ Bent				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13214

Mechanical	Cu	Current Repair Future Replacement Mair			aintenance		
System Component Type		l Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	20%		2028	\$11,800	2	\$100	
Cooling	600/		2022	#0.100	1		
Window/Wall Unit	60%		2022	\$9,100	1		
No Component	20%						
Distribution Ductwork/Diffusers	20%		LIFE	* *	2	\$2,000	
No Component	80%		LIFE		2	\$2,000	
Ventilation	8070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,300	
Bactwork Billasers		tion, Extent : Light, Area		! : 100%	2 3	ψ 1,5 0 0	
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout						
		: Includes Make- Up Air					
Exhaust Fans	1	1					
Interior	50%		2023	\$13,000	2	\$100	
Roof	50%		2028	\$6,000	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100% Location : Roof						
	Explanation On The Roof.	: 2 Units Are Not Connec	eted By A	ny Means. They Ar	e Broken	And Abandoned	
Plumbing							
H/C Water Piping	4000/		•				
Brass/Copper	100%		2033	**	1		
		tion, Extent : Light, Area	Affected	: 100%			
	Location : Bo						
	Explanation	: 2 Booster Pumps					
Water Heater Gas Fired	100%		2019	\$4,400	2	\$100	
Gas Fired		tion, Extent : Light, Area			2	\$100	
	Location : Bo	=	Ајјестеи	. 100/0			
		: 2 - 75 Gallon Units					
Sanitary Piping	Explanation	. 2 - 73 Ganon Onns					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		לדודים		1		
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer	10070		ъпъ		1		
No Component	95%						
Generic	5%		2023	\$100	1		
Fixtures	570		2023	Ψ100	1		
Generic	100%						
Sira Suppression	10070						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 332/LADDER CO. 175 / RAC 2

Asset #: 13214

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression				
Sprinkler				
No Component	90%			
Generic	10%	2033 **	1-2 \$200	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: 1st And 2nd Floor			
	Explanation : Serves Stair And Corrid	dor Only		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1018

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 34/LADDER CO. 21

Address : 440 WEST 38th STREET BTWN: 9TH AVE. - 10TH AVE.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 9,000 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2

Block : 735 Lot : 61 BIN : 1012982

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$45,100	\$67,500
Interior Architecture		\$44,200
Electrical		\$88,400
Mechanical		\$45,100
Total	\$45,100	\$245,200
Importance Code A	\$45,100	\$67,500
Importance Code B		\$177,700
Total	\$45,100	\$245,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$82,600		\$10,500	
Interior Architecture	\$8,500			\$1,300
Electrical	\$23,000	\$800	\$900	\$1,000
Mechanical	\$14,800	\$1,500	\$9,500	\$1,500
Total	\$128,800	\$2,300	\$20,900	\$3,800
Importance Code A	\$83,400	\$900	\$11,400	\$900
Importance Code B	\$41,900	\$1,400	\$9,500	\$2,900
Importance Code C	\$3,500			
Total	\$128,800	\$2,300	\$20,900	\$3,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13022

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Masonry: Brick	60% Now Diagonal Cracks, Ext				5	\$15,000	
	Location: Hose Tov Jnt Mortar Miss/Erod Location: Throughd Spalling, Extent: Mod	l, Extent : Moderai out	e, Area Affe	-			
	Location : Various 1						
	Staining/Discoloring, Location: Throughd Water Penetration, Ex Location: 2nd Floo	out North Facade xtent : Severe, Are	a Affected : .				
Masonry: Limestone	10% 0-2 Spalling, Extent: Light Location: Street From		LIFE 10%	* *	5	\$1,900	
Metal Sect. OHD	25%		2036	* *	5	\$19,500	
Granite Panels	5%		LIFE	* *	5	\$900	
Windows Aluminum	100%		2031	* *	5	\$1,400	
Parapets	10070		2031			ψ1,100	
Masonry: Brick	70% 0-2 Jnt Mortar Miss/Erod Location: Various I Spalling, Extent: Sev	Locations Through	out	* * cted : 50%	5	\$1,700	
	Location : Various I	Locations Through	out				
Masonry: Limestone	10%		LIFE	* *	5	\$300	
Masonry: Sandstone	20% Now Cracking/Crumbling, Location: Through		LIFE rea Affected	* * : 50%	5	\$600	
Roof							
Modified Bitumen	95% Now Blisters, Extent: Seve Location: Througho Ponding, Extent: Sev	out		\$67,500			1
	Location : Four Cor Water Penetration, Ex Location : Four Cor	xtent : Severe, Are	a Affected : 1	20%			
Skylight, Metal/Glass	1% Other Observation, E. Location: Over State Explanation: Skylig	irwell	2023 Affected : 1	\$18,000	10	\$400	
Not Accessible	4% Other Observation, E. Location: Roof Ove Explanation: Roof i	xtent : Light, Area er Hose Tower Ana		%			
Interior	Explanation . ROOJ I						

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13022

Architecture	Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors	400/			ate ate	_	411 400	
Cast in Place Concrete	40%	. F M 1	LIFE	**	5	\$11,400	
	Recent Replace Evider Location : Apparatu		ate, Area	Affected: 100%			
Ceramic Tile	10%		2032	* *	5	\$1,300	
Quarry Tile	5%		2028	\$18,700	5	\$1,000	
Terrazzo	5%		LIFE	* *	5	\$500	
	Cracking/Crumbling, Location: 2nd Floor	_	ea Affecte	ed : 0%			
Vinyl Tile	40% 0-2	\$4,400	2028	\$44,200	3	\$2,000	
•	Cracking/Crumbling, Location: Througho	Extent : Moderate				. ,	
	Worn/Eroded, Extent . Location : Cellar	: Moderate, Area A	Affected :	10%			
Interior Walls							
Concrete Masonry Unit	20%		LIFE	* *	5	\$1,200	
Gypsum Board	20%		LIFE	* *	5	\$1,700	
Plaster	30% 0-2	\$3,500	LIFE	* *	5	\$1,300	
	Staining/Discoloring, Extent : Light, Area Affected : 5% Location : Basement						
	Water Penetration, Ex Location : Along The						
SGFT/Glazed Masonry	30%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	5%		2028	\$2,400	5	\$300	
	Staining/Discoloring, Extent: Severe, Area Affected: 5% Location: 2nd Floor Street Front						
Exposed Concrete	35%		LIFE	* *	5	\$300	
1	Spalling, Extent : Seve Location : Kitchen	ere, Area Affected	: 2%				
Exposed Struc: Steel	20%		LIFE	* *			
Plaster	40% 4+	\$600	LIFE	* *	5	\$1,500	
	Paint Peeling, Extent . Location: Througho		Affected .	: 10%			
	Staining/Discoloring, Location: 2nd Floor	Extent : Severe, A		ted : 10%			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13022

Electrical	Current	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2043	* *	5		
		Extent: Light, Area		: 100%			
		ent Electrical Sectio					
Pagaway	Explanation: 400	Amperes Main Disc	connect S	witch			
Raceway Conduit	100%		2043	* *	1		
Panelboards	10070		2043		1		
Fused Disc Sw	10%		2039	* *	5		
Molded Case Bkrs	45%		2039	* *	5	\$100	
Molded Case Bkrs	45%		2031	* *	5	\$100	
Wiring			-				
Thermoplastic	50%		2043	* *	1		
Thermoplastic	50%		2033	* *	1		
Motor Controllers							
Locally Mounted	50% Now	\$7,200	2043	* *	5		
		xtent : Severe, Area oor Rear Corridor	Affected .	: 100%			
Locally Mounted	50%		2036	* *	5		
	Location: 1st Flo		ı Affected	: 100%			
-	Explanation: Cor	trols The Doors					
Ground							
Grounding Devices Generic	100% Now	\$9,500	LIFE	* *	5	\$100	
Generic		Extent : Severe, Are			5	\$100	
	Location : Basem		eu rijjecie	a. 10070			
		Attached To Water	Service.				
Lighting	2. promotion (Trot	111111111111111111111111111111111111111	50,7,00,				
Interior Lighting							
Fluorescent	95%		2028	\$23,200	10	\$7,800	
	T-8 Lamps And Fix Location : Throug	tures, Extent : Light, phout	, Area Afj	fected : 100%			
Incandescent	4%		2023	\$2,300	2		
	Other Observation,	Extent : Light, Area	ı Affected				
	Location: 1st Flo	or Lounge Area					
	Explanation: Cor	ntrolled By Dimmers	;				
Incandescent	1% Now	\$600	2033	* *	2		
	Damaged Fixtures, Location : Kitchen	Extent : Severe, Are	ea Affecte	d : 100%			
Egress Lighting							
Emergency, Battery	50%		2023	\$6,100	10	\$1,100	
Exit, Service	50%		2023	\$500	1		
Exterior Lighting							
HID	100%		2023	\$33,900	10		
Alarm							

Alarm

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13022

Electrical	Current Repair	Future F	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Alarm							
Security System							
Generic	100%	2028	\$27,200	1	\$3,400		
	Other Observation, Extent : Lig	ht, Area Affected : I	100%				
	Location: Front Of Building						
	Explanation : Four Wall Mou	nted Closed-Circuit	Television Surv	eillance	Cameras		
Fire/Smoke Detection							
Generic	95%	2028	\$88,400	1-3	\$5,400		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement And Thre	oughout Floors					
	Explanation: Control Panel,	Smoke Detectors, St	robe Lights And	Bells			
Generic	5% Now \$	4,700 2033	* *	1-3	\$200		
	Devices Damaged, Extent : Liga	*	00%	_	4		
	Location : Basement	30					

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$8,900	
Distribution							
Central Plant Steam	100%		2033	* *	4	\$400	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2028	\$45,100	1	\$2,900	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Window/Wall Unit	75%		2019	\$13,200	1		
No Component	25%						
Ventilation							
Distribution							
Ductwork/Diffusers	10%		LIFE	* *	2-5	\$500	
No Component	90%						
Exhaust Fans							
Interior	40%		2023	\$12,000	2	\$100	
Roof	60%		2023	\$8,400	2	\$200	
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 50%			
	Location	: Main Roof					
	Explanai	ion : Motor Controller Not Fi	ınctionir	ıg			

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13022

Mechanical	Current Repair		Replacement	Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
H/C Water Piping						
Brass/Copper	50%	2033	* *	1		
Galvanized Steel	50%	2028	\$18,500	1		
Water Heater						
Gas Fired	100%	2021	\$5,100	2	\$100	
	Other Observation, Extent : I	ight, Area Affected :	100%			
	Location: Basement Mecha	nical Room				
	Explanation: Two 75 Gallo	n Tanks				
Sanitary Piping						
Cast Iron	25%	LIFE	* *	1		
Cast Iron	75%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2023	\$1,300	4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	2023	\$100	1		
	Other Observation, Extent : I	ight, Area Affected :	100%			
	Location: Basement Mecha	nical Room				
	Explanation : Serves Boiler	Water Makeup Feed	l Only			
Fixtures	-	-				
Generic	100%					
	Obsolete Fixtures, Extent : Li	ght, Area Affected :	100%			
	Location: Throughout					
ire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 35/LADDER 14/ BATTALION 12

Address : 2282 THIRD AVENUE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.035 / 13023 Yr Built/Renovated : 1974 /

Area Sq Ft : 10,900 Project Type : FIRE DEPARTMENT

Date of Survey : 13-Jul-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1773 Lot : 33 BIN : 1054465

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$142,500	
Interior Architecture		\$50,600
Electrical	\$41,100	\$77,700
Mechanical		\$78,600
Total	\$183,600	\$206,800
Importance Code A	\$142,500	\$78,600
Importance Code B	\$41,100	\$128,300
Total	\$183,600	\$206,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,700	\$4,200		\$800
Interior Architecture	\$38,300		\$400	\$3,000
Electrical	\$200	\$200	\$200	\$28,500
Mechanical	\$10,600	\$1,100	\$1,600	\$31,000
Total	\$74,800	\$5,500	\$2,200	\$63,300
Importance Code A	\$26,200	\$4,700	\$500	\$1,500
Importance Code B	\$45,800	\$700	\$1,600	\$61,800
Importance Code C	\$2,800			
Total	\$74,800	\$5,500	\$2,200	\$63,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13023

rchitecture	Current Repair	Future Replacemen	nt N	l laintenance					
ystem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated C FY	ost Cycle (Yrs)	Estimated Cost	Priority				
terior									
Exterior Walls									
Concrete Masonry Unit	45%	LIFE	** 5	\$5,900					
	Other Observation, Extent: Light,	Area Affected : 100%							
	Location: Throughout								
	Explanation: Split Faced Finish								
Masonry: Brick	43% 0-2 \$13,5		** 5	\$9,000					
	Jnt Mortar Miss/Erod, Extent: Lig	==							
		Location: Various Locations Throughout							
	Vegetation Growth, Extent: Moderate, Area Affected: 15%								
	Location : Base Perimeter Of But								
Metal Panel	2%	2037	* * 5-10	\$2,900					
Metal Sect. OHD	10%	2044	* * 5	\$6,500					
Windows									
Aluminum	100% Now \$49,5		** 5	\$600					
	Broken/Missing Elements, Extent:	Moderate, Area Affected : 2	0%						
	Location: Throughout								
	Ctrwt/Balnc Not Funct, Extent: M	oderate, Area Affected : 70%	ó						
	Location: Throughout	1 150/							
	Misaligned/Bulging, Extent: Sever	e, Area Affected : 15%							
	Location: Second Floor	A ACC 1 200/							
	Caulking Deteriorated, Extent: Se Location: Throughout	vere, Area Affected : 30%							
	Unit Inoperable, Extent : Severe, A Location : Throughout	rea Affected : 25%							
Parapets									
Concrete Masonry Unit	45% Now \$7,8	OU LIFE	** 5	\$1,400					
	Cracking/Crumbling, Extent: Light	t, Area Affected : 25%							
	Location: Outer Parapet Wall								
	Horizontal Cracks, Extent: Moder	ate, Area Affected : 25%							
	Location: Underside Of Coping								
	Vertical Cracks, Extent: Light, Area Affected: 15%								
	Location: Corners - Outer Parapet Wall								
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Throughout								
	Explanation : Split Faced Finish								
Masonry: Brick	40%	LIFE	** 5	\$1,100					
Pre-Cast Concrete	10%	LIFE	** 5	\$1,700					
Stucco Cement	5% 2-4 \$1,1		** 5	\$200					
	Cracking/Crumbling, Extent: Mod	erate, Area Affected : 30%							
	Location: Throughout Parapet								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13023

Architecture	Current Repair	· Futui	e Replacement	M		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Roof Modified Bitumen	95% Now	\$93,000 2037	* *			
Wodified Bitumen	Blisters, Extent : Moderate,					
	Location : Main Roof	,				
	Drains Inad/Misposn, Exter Location: Main Roof	nt : Light, Area Affec	ted : 10%			
	Miss/Damaged Flashings, I Location : Both Roofs	Extent : Severe, Area	Affected : 10%			
	Ponding, Extent: Severe, A Location: Soft Spots - Up	per And Lower Roofs				
	Ridging, Extent: Moderate, Location: Throughout	, Area Affected : 25%)			
	Vegetation : Throughout Vegetation Growth, Extent Location : Main Roof Und		ed : 15%			
Roll Roofing	5%	2020	\$3,500	5	\$1,400	
nterior						
Floors	200/	0.2.1.0.0 7.7.7.7.	de de	_	4.5.	
Cast in Place Concrete	20% 4+ Cracking/Crumbling, Exten Location: Apparatus Roo		* * ffected : 20%	5	\$6,500	
Cast in Place Concrete	20%	LIFE	* *	5	\$6,500	
Ceramic Tile	5%	2023	\$14,400	5	\$700	
Ceramic Tile	5%	2036	**	5	\$700	
Quarry Tile	10%	2032	* *	5	\$2,200	
Vinyl Tile	40% Now Broken/Missing Elements, 1 Location: Throughout	\$5,100 2027	\$50,600 rea Affected : 15%	3	\$2,200	
	Worn/Eroded, Extent: Mod Location: Throughout	lerate, Area Affected	: 25%			
Interior Walls						
Ceramic Tile	5% Now Jnt Mortar Miss/Erod, Exte Location: First And Seco	,	* * Affected : 20%	5	\$500	
Concrete Masonry Unit	-	LIFE	* *	5	\$2,900	
Gypsum Board	30%	LIFE	* *	5	\$3,700	
SGFT/Glazed Masonry	30%	LIFE	* *	5	ψ3,700	
Ceilings						
AcousTileSusp.Lay-In	15%	2032	* *	5	\$2,200	
Exposed Concrete	15%	LIFE	* *	5	\$300	
Plaster	70% 0-2 Broken/Missing Elements, I		* * rea Affected : 10%	5	\$6,500	
	Location: Apparatus Roo Cracking/Crumbling, Exten Location: Second Floor -	nt : Moderate, Area A	ffected : 20%			
	Staining/Discoloring, Extended Location: 1st Floor	=	ed : 5%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13023

Electrical		Current Repair Future R		e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment Molded Case Bkrs	100% Other Obs	ervation. F	Extent : Moderate, A	2027 Area Affe	\$4,800	5	\$300	
	Location	: Basemen	nt Service Room 300 Amperes Main					
Switchgear / Switchboard	Ехриини	non . One .	500 Amperes Main	Disconn	eci Swiich			
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway	050/			2027	¢20.700	1		
Conduit Conduit	95% 5%			2027 2047	\$29,700 * *	1 1		
Panelboards								
Fused Disc Sw	5%			2026	\$1,900	5		
Molded Case Bkrs	75%			2026	\$28,900	5	\$200	
Molded Case Bkrs	20%			2043	* *	5	\$100	
Wiring								
Thermoplastic	95%			2027	\$26,300	1		
Thermoplastic	5%			2047	* *	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices	1000/			LIEE	* *	-	¢200	
Generic	100%			LIFE		5	\$200	
Lighting Interior Lighting								
Fluorescent	55%			2032	* *	10	\$5,500	
ridorescent	T-8 Lamps		res, Extent : Mode out The Building		a Affected : 100%	10	ψ5,500	
Fluorescent	40%			2027	\$11,800	10	\$4,000	
	-		res, Extent : Mode out The Building	rate, Are	a Affected : 100%			
Fluorescent	5%			2027	\$1,500	10	\$500	
	_	Fluorescent : Uniform	t Light, Extent : Mo s Room	oderate, 1	Area Affected : 100)%		
Egress Lighting	5001			2022	* *			_
Exit, Service	50%			2032		1		
			Extent : Light, Area out Building	Ајјестеа	0 : 100%			
No Component	50%							
Exterior Lighting								
HID	100%			2022	\$41,100	10		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2022	\$22,500	1-3	\$1,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13023

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment Hot Water Boiler	100%			2025	\$78,600	1	\$5,400	
Distribution Hot Wtr Piping/Pump	100%			2035	* *	4	\$800	
Terminal Devices							· · · · · · · · · · · · · · · · · · ·	
Convector/Radiator	75%			2032	* *	1	\$2,600	
Unit Heater - Steam	25%			2022	\$9,100	4	\$300	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	10%	Now	\$400	2022	\$8,300	2	\$100	
Window/Wall Unit	Location Explanat 40%	ervation, E : 2nd Floo ion : Temp Now	extent : Moderate, A or Office erature Controller \$8,500 Extent : Moderate	Defectiv	\$8,500	1		
	Location On Extend Location	: Various	Locations tent : Severe, Area	Affected	! : 40%			
Window/Wall Unit	15%			2025	\$3,200	1		
No Component Ventilation Distribution Ductwork/Diffusers No Component	50% 50%			LIFE	* *	2-5	\$3,000	
Exhaust Fans	2070							
Roof No Component	50% 50%			2022	\$8,500	2	\$200	
	Other Obso Location Explanat	: 1st Floor	s Is No Air Ventila		: 0% The Operational F	loor Inste	allation Of An	
Plumbing								
H/C Water Piping Brass/Copper	100%			2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13023

Mechanical	Current Repair	Future	e Replacement	M					
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing									
Water Heater									
Gas Fired	100%	2027	\$6,200	2	\$200				
	Recent Replace Evident, Extent: 1	Light, Area Affe	ected : 100%						
	Location : Basement								
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Basement								
	Explanation: 2 - 100 Gallon Un	its							
Sanitary Piping	1000/		* *						
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping	1000/		ماد ماد						
Cast Iron	100%	LIFE	* *	1					
Sump Pump(s)	1000/	2022	Ф1 (ОО	4	Φ200				
Non-Submersible	100%	2022	\$1,600	4	\$200				
Fixtures	1000/								
Generic	100%								
Fire Suppression									
Sprinkler No Commonant	95%								
No Component	9576 Other Observation, Extent : Light,	Area Affected	. 00%						
	Location : Kitchen	Агеи Ајјестеи	. 070						
	Location : Kitchen Explanation : Ansul System Serves Cooking Area								
G a sa a si a				1.2	¢200				
Generic	5%	2027	\$5,000	1-2	\$200				
Chemical System	100%	2022	¢1 000	1.2	\$4,000				
Generic			\$1,900	1-3	\$4,000				
	Other Observation, Extent : Light, Location : Kitchen	Агеа Ајјестеа	: 100%						
	Explanation : 1 Set								

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 37

Address : 415 WEST 125TH STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 11,778 Project Type : FIRE DEPARTMENT

Date of Survey : 12-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1966 Lot : 61 BIN : 1059547

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$202,600	\$80,400
Interior Architecture		\$45,100
Mechanical		\$120,300
Total	\$202,600	\$245,700
Importance Code A	\$202,600	\$165,300
Importance Code B		\$80,400
Total	\$202,600	\$245,700

Total \$202,600 \$245,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,500			\$4,300
Interior Architecture	\$56,400	\$1,800		\$1,200
Electrical	\$1,000	\$100		\$11,400
Mechanical	\$11,400	\$3,300	\$1,500	\$18,200
Total	\$113,200	\$5,200	\$1,600	\$35,100
Importance Code A	\$52,900	\$600	\$600	\$4,900
Importance Code B	\$25,300	\$3,600	\$1,000	\$30,200
Importance Code C	\$34,900	\$1,000	,	
Total	\$113,200	\$5,200	\$1,600	\$35,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 37

Asset #: 13025

rchitecture	Current I	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls	100/		2022	* *	~	ΦΩ ζΩΩ	
Metal Sect. OHD Pre-Cast Concrete	10% 90% Now	\$81,600	2032 LIFE	* *	5 5	\$8,600 \$80,400	
Tie-Cast Concrete	Broken/Missing Elem			ea Affected : 15%	3	\$60,400	
	Location : East Fac		,	33			
	Cracking/Crumbling,	Extent : Moderate	, Area Aj	ffected : 10%			
	Location : Entrance						
	Staining/Discoloring, Location: East Fac		, Area A	ffected : 20%			
Windows	Location . East Fac	zaae					
Aluminum	100% Now	\$47,600	2052	* *	5	\$600	1
THOMMON	Broken/Missing Elem			Affected : 25%	J	φοσο	•
	Location : Second I	Floor					
	Unit Inoperable, Exte		ffected :	30%			
	Location: Through		4.00	4007			
	Other Observation, E Location : Street Le	_	Affected	: 40%			
	Explanation: Prote						
Parapets							
Cast Stone/Terra Cotta	10% Now	\$2,300	LIFE	* *	5	\$2,800	
	Jnt Mortar Miss/Eroc	d, Extent : Moderat	e, Area A	Affected : 20%			
	Location : Coping	****		di di			
Pre-Cast Concrete	90% Now Spalling, Extent: Mo	\$34,800	LIFE	* *	5	\$20,400	
	Location: South Ar		ea . 33%	9			
	Worn/Eroded, Extent		Affected	: 30%			
	Location : Through		00				
Roof							
Built-Up (BUR)	100% Now	\$7,300	2022	\$73,400			
	Debris Present, Extent Location: Through		ı Affected	1: 25%			
	Miss/Damaged Flash		erate Ar	ea Affected · 20%			
	Location : West Fac		eraic, m	earijjeetea : 2070			
	Vegetation Growth, I	Extent : Moderate, 1	Area Affe	ected : 20%			
	Location : Through						
	Worn/Eroded, Extent		Affected	: 40%			
ani an	Location : Through	out					

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 37

Asset #: 13025

rchitecture		Current Repair			e Replacement	M		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete	Cracking/0	Now Crumbling, : Apparati	\$15,800 Extent : Moderate us Floor	LIFE , <i>Area A</i> j	* * ffected : 15%	5	\$16,600	
		l/Bulging, : Apparati	Extent : Moderate, us Room	Area Afj	fected : 10%			
Ceramic Tile	10%			2030	* *	5	\$1,500	
Quarry Tile	5%			2032	* *	5	\$1,100	
Vinyl Tile			\$4,500 ents, Extent : Mod ium Area	2027 erate, Ar	\$45,100 rea Affected : 10%	3	\$2,000	
Interior Walls								
Cast in Place Concrete		0-2 ing, Extent : Basemen	\$2,600 : Moderate, Area at	LIFE Affected	**			
Ceramic Tile	10%			2030	* *	5	\$2,100	
Concrete Masonry Unit	40%			LIFE	* *	5	\$3,300	
SGFT/Glazed Masonry			\$32,300 : Moderate, Area I Wall - Stairs And F					
Ceilings								
AcousTileSusp.Lay-In		4+ iscoloring, : Kitchen	\$1,200 Extent : Moderate	2032 , Area A	* * ffected : 25%	5	\$800	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	70%			LIFE	* *	5	\$13,300	

ectrical	Current Repair	Future Replacement	Maintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated C (Yrs)	ost Priority
der 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2047 **	5 \$10	00
	Other Observation, Extent : Moderate, 1	Area Affected : 100%		
	Location: Basement			
	Explanation: Main Service Switch Ra	ted @ 400 Amperes.		
Switchgear / Switchboard				
Molded Case Bkrs	100%	2047 **	5 \$30	00
Raceway				
Conduit	100%	2047 **	1	
Panelboards				
Fused Disc Sw	5%	2043 **	5	
Molded Case Bkrs	95%	2043 **	5 \$30	00
Wiring				
Thermoplastic	100%	2047 **	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 37

Asset #: 13025

Electrical	Current Repair Future Replacement Maintenance		aintenance				
System Component Type		l Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Motor Controllers							
Locally Mounted	100%		2040	* *	5	\$100	
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting Interior Lighting							
Fluorescent	96%		2032	* *	10	\$10,400	
	T-8 Lamps And	d Fixtures, Extent : Mode	rate, Are	a Affected : 100%			
	Location : Th	roughout The Building					
Fluorescent	3% N	ow \$1,000	2037	* *			
	Not in Service,	Extent : Moderate, Area		: 100%			
	Location : Th	roughout The Building					
Incandescent	1%		2022	\$800	2		
Egress Lighting							
Exit, Service	100%		2032	* *	1		
		issing, Extent : Light, Are	a Affecte	ed : 100%			
	Location : Se	econd Floor					
Exterior Lighting							
HID	20%		2032	* *	10		
No Component	80%						
Alarm							
Security System							
No Component	90%						
Generic	10%		2027	\$3,600	1	\$400	
		tion, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Lo						
	Explanation .	: CCTV Surveillance Syst	em				

Mechanical	Cu	rrent Repair		Futur	e Replacement	М	aintenance	
System Component Type		l Date Estin ears)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Hot Water Boiler	100% 0	-2	\$8,500	2025	\$84,900	1	\$5,200	
	Corroded, Exte	ent : Moderat	e, Area Affe	cted : 20	%			
	Location: Bo	oiler Room						
	Other Observa	tion, Extent :	Light, Area	Affected	: 100%			
	Location : Ba	isement	_					
	Explanation:	: 1 Unit						
Distribution								
Hot Wtr Piping/Pump	100% No	ow	\$300	2035	* *	4	\$600	
	Malfunctioning	g, Extent : Lig	ght, Area Aff	fected : 1	0%			
	Location: Ci	rculating Put	mps					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 37

Asset #: 13025

Mechanical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	60%			2025	\$35,400	1	\$2,300	
Unit Heater - Steam	40%			2022	\$15,700	4	\$400	
Air Conditioning								
Energy Source	1000/			2025	* *	1		
Electricity	100%			2035		1		
Conversion Equipment	10%			2027	000 92	2	\$100	
Exterior Pkg Unit - Cooling	10%			2027	\$8,900	2	\$100	
Cooling	-	gerant, Extent . : Lower Roof	Light, Area A	ffected :	10%			
Window/Wall Unit	20%			2025	\$4,600	1		
No Component	70%				¥ .,000	*		
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$2,600	
No Component	60%							
Exhaust Fans								
Interior	20%			2027	\$7,800	2	\$100	
Roof	20%	Now	\$1,800	2032	* *	2	\$100	
		tent : Moderat			6			
	Location	: Roof/2 Of 4	Need Replace	ment				
Wall Unit	30%			2022	\$1,200	2	\$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2025	\$6,700	2	\$200	
		ervation, Exten	t : Light, Area	Affected	! : 100%			
		: Basement						
	Explanat	ion : 2 - 75 Ga	llon Units					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/				de de			
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	1000/			2027	01.700	4	Φ.4.0.0	
Non-Submersible	100%			2027	\$1,700	4	\$400	
Fixtures	1000/							
Generic	100%							
Fire Suppression								
Chemical System Generic	100%			2020	\$1,900	1.2	\$3,700	
Generic		ervation, Exten	t · Light Area			1-3	\$5,700	
		ervanon, Exten : Kitchen	ı . <i>ட</i> ıқпі, ліей	тујестеа	. 100/0			
		ion : 1 Set						
	Ехріанаі	ion . 1 sei						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 38/LADDER CO. 51 Address : 3446 EASTCHESTER ROAD

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 5,876 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4723 Lot : 45 BIN : 2060238

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$182,400	
Total	\$182,400	
Importance Code A	\$182,400	
Total	\$182,400	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,300	\$5,700		\$9,500
Interior Architecture			\$900	\$1,500
Electrical		\$100		\$24,400
Mechanical	\$800	\$800	\$1,200	\$800
Site Pavements	\$10,400			
Total	\$25,600	\$6,500	\$2,100	\$36,200
Importance Code A	\$14,900	\$6,200	\$600	\$10,100
Importance Code B	\$300	\$300	\$1,200	\$26,100
Importance Code C	\$10,400		\$300	
Total	\$25,600	\$6,500	\$2,100	\$36,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13026

Architecture	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	100/		201-		4.0	4-0 0	
Alum/Vinyl Siding	10%	0122 100	2047	* *	10	\$700	
Masonry: Brick	65% Now	\$133,100	LIFE	**	5	\$14,700	
	Paint Peeling, Extent: Location: South, North			: 30%			
	Painted Surfaces, Exten			tod , 750/			
	Location: South, Nor			ea . 7570			
	Spalling, Extent: Mode			<u> </u>			
	Location: South And		ica . 25%	,			
Masonry: Granite	5%		LIFE	* *	5	\$900	
Masonry: Limestone	5% Now	\$12,400	LIFE	* *	5	\$900 \$900	
Masonry. Limestone	Cracking/Crumbling, E.			ffected · 10%	3	\$900	
	Location : West Facad		, 11100111	jeerea : 1070			
	Staining/Discoloring, E		e. Area A	ffected : 20%			
	Location : West Facad		, 11.00.11	, cerea : 2 0,0			
Stucco Cement	5%		2032	* *	5	\$2,800	
Wood Overhead Doors	10%		2040	* *	5	\$11,300	
Windows	1070		20.0			ψ11,000	
Aluminum	100%		2043	* *	5	\$1,800	
Parapets							
Masonry: Brick	90% 2-4	\$49,300	LIFE	* *	5	\$1,700	
	Jnt Mortar Miss/Erod, I Location : Throughou		te, Area A	Affected: 25%			
	Spalling, Extent : Mode Location : Throughou		ted : 25%	Ó			
Masonry: Limestone	5% 2-4	\$2,000	LIFE	* *	5	\$100	
,	Spalling, Extent : Mode			ó			
	Location: Front Of B	uilding					
Pre-Cast Concrete	5%		LIFE	* *	5	\$600	
Roof							
Asphalt Shingle	10%		2036	* *	10	\$200	
Modified Bitumen	87%		2032	* *	10	\$8,100	
Skylight, Metal/Glass	3%		2037	* *	10	\$900	
	Not Insulated, Extent:						
	Location : Skylight Gl	azing System Ur	iinsulatee	d			
Interior							
Floors	400/			ale de	_	40.40	
Cast in Place Concrete	48%		LIFE	**	5	\$9,200	
Ceramic Tile	5%		2036	* *	5	\$400	
Terrazzo	2%		LIFE	**	5	\$100	
Vinyl Tile	30%		2027	\$22,400	3	\$1,000	
Wood	15%		2042	* *	5	\$2,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13026

Architecture		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$700	
Masonry: Brick	10%		LIFE	* *			
Plaster	45%		LIFE	* *	5	\$1,800	
SGFT/Glazed Masonry	40%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	5%		2032	* *	5	\$500	
Exposed Concrete	25%		LIFE	* *	5	\$400	
Exposed Struc: Steel	10%		LIFE	* *			
Plaster	60%		LIFE	* *	5	\$3,700	
Site Enclosure							
Fence/Gates							
Chain link	100%		2037	* *			
Site Pavements							
Parking/Driveway							
Cast in Place Concrete	100%	0-2 \$10,400	2040	* *			
	Cracking/C	Crumbling, Extent : Modera	te, Area A	ffected : 10%			
	Location	: Front Apron Cracking					

Electrical	Current Repair	Future Re	olacement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
	Other Observation, Extent : Lig	ht, Area Affected : 100)%			
	Location: Basement					
	Explanation : Main Service R	ated @ 200 Amperes				
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Fused Disc Sw	10%	2026	\$3,800	5		
Molded Case Bkrs	90%	2035	* *	5	\$100	
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Lig	ht, Area Affected : 100)%			
	Location: Basement					
	Explanation : Observed On W	ater Main				

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13026

Electrical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	5%	2032	* *	10	\$300	
	Other Observation, Extent : Lig	ht, Area Affected : 10	00%			
	Location: Kitchen					
	Explanation: Compact Fluore	escent Lamps				
Incandescent	5%	2022	\$1,900	2		
	Other Observation, Extent : Lig	ht, Area Affected : 10	00%			
	Location: Tv Room					
	Explanation : Incandescent Li	ghting Observed				
LED	90%	2032	* *			
Exterior Lighting						
HID	100%	2022	\$22,200	10		
	Sensor/Timer Not Installed, Ext	ent : Light, Area Affe	ected : 100%			
	Location : Exterior	_ 00				

Current Repair	Futur	e Replacement	Maintenance		
% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2047	* *	1		
10%	2032	* *	1	\$300	
Other Observation, Extent:	Light, Area Affected	: 100%			
Location : Outdoor Lounge	e Area				
Explanation : 1 Natural G	as Fired Space Heat	er			
90%	2040	* *	1	\$5,200	
		: 100%	_	4-,	
Location : Basement	0 / 33				
Explanation : 1 Natural G	as Fired Steam Boile	r			
-					
100%	2037	* *	4	\$300	
100%	2032	* *	1	\$1,900	
				•	
100%	2043	* *	1		
25%	2032	* *			
50%	2025	\$5,700	1		
25%					
25%	2032	* *	1	\$500	
	% of Fail Date Estim Total (Years) 100% 10% Other Observation, Extent: Location: Outdoor Lounge Explanation: 1 Natural Ga 90% Other Observation, Extent: Location: Basement Explanation: 1 Natural Ga 100% 100% 25% 50% 25%	% of Fail Date Estimated Cost Total (Years) Year FY	Nof Total (Years) Year Estimated Cost FY	No of Total (Years) Year Estimated Cost (Yrs) Total (Years) Year Estimated Cost (Yrs) Cycle FY	No of Fail Date Estimated Cost Year FY Estimated Cost Cycle (Yrs)

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13026

Mechanical	Current Repai	r Future	Replacement	M		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Roof	20%	2032	* *	2		
Wall Unit	20%	2027	\$400	2		
No Component	60%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2025	\$3,400	2	\$100	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gall	on				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Side Of Buildi	ng				
	Explanation: Leaders Fr	om Roof Pocket Drain	Appear To Be Ne	wly Insta	ılled	
Sump Pump(s)						
Submersible	100%	2021	\$200	4	\$100	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
No Component	95%					
Generic	5%	2025	\$100	1-3	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1040

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)

Address : 157 EAST 67th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 12,960 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Floors 1,2,3

Block : 1402 Lot : 29 BIN : 1072190

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$45,000
Electrical		\$49,700
Mechanical		\$47,100
Total		\$141,800
Importance Code B		\$141,800
Total		\$141,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$4,200			
Interior Architecture	\$24,300	\$1,100		\$600
Electrical	\$5,900	\$200	\$9,600	\$100
Mechanical	\$32,400	\$500	\$5,600	\$600
Total	\$66,700	\$1,800	\$15,300	\$1,300
Importance Code A	\$4,200			
Importance Code B	\$57,100	\$700	\$15,300	\$1,300
Importance Code C	\$5,500	\$1,100		
Total	\$66,700	\$1,800	\$15,300	\$1,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13027

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	600/			LIEE	* *	-	Ø10.000	
Masonry: Brick	60%	F	. I :- 1-4 A A CC	LIFE		5	\$10,000	
		nce, Extent : Front Fa	: Light, Area Affeo cade	:tea : 5%)			
Masonry: Brownstone	25%			LIFE	* *	5	\$3,100	
	_	iscoloring, : Front Fa	Extent : Light, Arc cade	ea Affecto	ed : 5%			
Masonry: Granite	5%			LIFE	* *	5	\$600	
Wood Overhead Doors	10%			2039	* *	5	\$8,400	
Windows								
Aluminum	100%			2048	* *	5	\$500	
Parapets Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors	450/			LIEE	* *	~	Ø10 100	
Cast in Place Concrete	45% 5%	2-4	¢1 000	LIFE 2035	**	5 5	\$19,100	
Ceramic Tile	Broken/Mi		\$1,000 ents, Extent : Mod			3	\$500	
Panel/Paver: Concrete	10%			2052	* *			
Quarry Tile	5%	2-4	\$1,500	2031	* *	5	\$700	
, ,		ssing Elem : Kitchen	ents, Extent : Mod	erate, Ar	ea Affected : 5%			
Terrazzo	10%			LIFE	* *	5	\$1,500	
Vinyl Tile	25%	Now	\$4,500	2026	\$45,000	3	\$1,800	
		_	ents, Extent : Ligh r Laundry Room.	t, Area A	ffected : 5%			
	Worn/Ero	ded, Extent	: Moderate, Area	Affected .	: 50%			
	Location	: Various I	Locations					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2035	* *	5	\$2,200	
Concrete Masonry Unit	15%	2-4	\$4,000	LIFE	**	5	\$1,300	
		ssing Elem : Basemen	ents, Extent : Seve t Corridor	re, Area	Affected : 2%			
Glass: Single Pane	5%			LIFE	* *	5	\$800	
Gypsum Board	5%	Now	\$1,500	LIFE	* *	5	\$700	
	_	_	Extent : Moderate and Gymnasium	, Area Aj	ffected : 10%			
		0						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13027

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	35%			2039	* *	5	\$6,800		
Exposed Concrete	50%	Now	\$6,800	LIFE	* *	5	\$1,500		
-	Spalling, E	Spalling, Extent: Light, Area Affected: 2%							
	Location : Apparatus Floor.								
Gypsum Board	15%	Now	\$1,600	LIFE	* *	5	\$3,600		
	Broken/Missing Elements, Extent: Moderate, Area Affected: 25%								
	Location: Lounge And Gymnasium								
	Cracking/Crumbling, Extent: Moderate, Area Affected: 25%								
	Location	: Gymnasi	um		-				

Electrical	Current Repair	Future F	Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
	Other Observation, Extent: Light, Ar	ea Affected : 0	0%					
	Location: In Police Precinct							
	Explanation: Main Service							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	100%	2036	* *	1				
Panelboards								
Molded Case Bkrs	100%	2025	\$42,100	5	\$300			
Wiring								
Thermoplastic	100%	2036	* *	1				
Motor Controllers								
Locally Mounted	100%	2031	* *	5	\$100			
Ground								
Grounding Devices								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : In Police Precinct							
	Explanation: Ground							
Lighting								
Interior Lighting								
Fluorescent	20%	2026	\$7,700	10	\$2,400			
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Fluorescent	80%	2031	* *	10	\$9,500			
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Throughout							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13027

Electrical		Current Repair Future Replacement		e Replacement	Maintenance			
System Component Type	% of Total	Fail Date E (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2026	\$3,500	1		
Exit, Service	50%			2026	\$800	1		
Exterior Lighting								
HID	5%			2026	\$2,700	10		
No Component	95%							
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$5,900	2031	* *	1-3	\$700	
	Devices M	issing, Extent	t : Severe, Area	Affected	: 100%			
	Location	: Throughou	t					
	Local/Batt	ery Operated	Detect, Extent	Severe,	Area Affected : 100	0%		
	Location	: Throughou	t					

lechanical	Current Repair	Future Re _l	olacement	M				
ystem Component Type	% of Fail Date Estimated C Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority		
eating								
Energy Source								
Electricity	50%	2046	* *	1				
Not Accessible	50%							
	Other Observation, Extent: Light,	Area Affected : 0%	;					
	Location: Throughout							
	Explanation: Located In Adjacent Building							
Conversion Equipment								
Not Accessible	100%							
	Other Observation, Extent: Light, Area Affected: 0%							
	Location : Throughout							
	Explanation: Located In Adjacen	t Building						
Distribution	-							
Not Accessible	100%							
	Other Observation, Extent: Light,	Area Affected : 0%						
	Location : Throughout							
	Explanation: Located In Adjacen	t Building						

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13027

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Heating								
Terminal Devices								
Convector/Radiator	50% Now	\$17,700	2031	* *	1	\$1,900		
	Other Observation, E			eted : 100%				
	Location : Various	_	iout					
	Explanation: Not E	inough Heat						
Fan Coil Unit/Heat	50%		2031	**	1	\$2,100		
	Other Observation, E			eted : 100%				
	Location: Various	_						
	Explanation : Elect	rıc Heaters. Steam	Service Ir	nadequate				
Air Conditioning								
Energy Source	100%		2042	* *	1			
Electricity	100%		2042		1			
Conversion Equipment Window/Wall Unit	20% 4+	\$2,800	2024	¢5 500	1			
w ilidow/ w all Ollit	On Extended Life, Ex			\$5,500	1			
	Location : Various			2070				
NT - 4 A 11 1 -		Locuitons Through	ioui					
Not Accessible	80%		A.CC 4 - 1	. 00/				
	Other Observation, E Location : Through		Ајјестеа :	0%				
	Explanation : Loca		ildina					
Distribution	Ехрининон . Еоси	ей Ін Айјасені Ви	ııuıng					
Ductwork/Diffusers	100%		LIFE	* *	2	\$16,900		
Ductwork/Diffusers	Abandoned in Place,	Extent : Light, Are		l : 100%	2	\$10,700		
	Location : Various	_		, .				
Terminal Devices								
Not Accessible	100%							
110111000551010	Other Observation, E	Extent : Light, Area	Affected :	: 0%				
	Location : Through		33					
	Explanation : Loca		ilding					
Heat Rejection	•	J						
Not Accessible	100%							
	Other Observation, E	Extent : Light, Area	Affected :	: 0%				
	Location : Through	out						
	Explanation: Loca	ted In Adjacent Bu	ilding					
/entilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,200		
Exhaust Fans								
Interior	100%		2026	\$47,100	2	\$400		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2036	* *	1			
	Booster Pump w/Tan	_		ed : 100%				
	Location : Triplex I	² umps In Basement	t					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)

Asset #: 13027

Mechanical	Current Repair		e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater			*		****	
Electric	100%	2019	\$11,700	4	\$100	
	Other Observation, Extent : Light, Area	ı Affected	! : 100%			
	Location : 2nd Floor					
·	Explanation: 1 - 120 Gallon Unit Us	ed As Bac	скир			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2026	\$2,000	4	\$300	
	Other Observation, Extent : Light, Area	a Affected	! : 100%			
	Location : Garage					
	Explanation: Duplex Unit					
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	15%					
No Component	85%					
-	Other Observation, Extent: Light, Area	a Affected	!: 0%			
	Location: Kitchen					
	Explanation : System					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Address : 42 SOUTH STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.004 / 13003 Yr Built/Renovated : 1987 /

Area Sq Ft : 15,750 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Jun-2015 Landmark Status : NONE

Areas Surveyed : Floors 1,2,3

Block : 35 Lot : 1 BIN : 1000867

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$81,800	\$64,700
Interior Architecture		\$59,900
Electrical	\$65,700	
Mechanical	\$110,100	
Total	\$257,700	\$124,600
Importance Code A	\$81,800	\$64,700
Importance Code B	\$175,900	\$59,900
Total	\$257,700	\$124,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,000		\$10,800	
Interior Architecture	\$28,700			\$900
Electrical	\$16,000	\$1,200	\$15,700	\$1,200
Mechanical	\$1,400	\$1,300	\$16,900	\$1,700
Total	\$59,100	\$2,400	\$43,300	\$3,700
Importance Code A	\$13,800	\$800	\$11,600	\$800
Importance Code B	\$40,300	\$1,700	\$31,700	\$3,000
Importance Code C	\$5,000			
Total	\$59,100	\$2,400	\$43,300	\$3,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Architecture	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls			_		
Masonry: Granite	45%	LIFE **	5	\$19,400	
Metal Panel	10%	2046 **	5-10	\$39,600	
Wood Overhead Doors	45% Now \$81, Paint Peeling, Extent: Light, Are	·	5	\$64,700	
	Location: Various Locations	a Affectea . 570			
	Worn/Eroded, Extent: Moderate,	Area Affected : 100%			
	Location: Front Of Building	33			
Windows					
Aluminum	50% 2-4 \$7,	,000 2042 **	5	\$200	
	Worn/Eroded, Extent: Light, Area Location: Front Of Building	a Affected : 50%			
Metal Louvers		,000 2035 **			
Wiedl Louvers	Bent/Warped Elements, Extent : M				
	Location : 3rd Floor	, 30			
	Broken/Missing Elements, Extent	: Moderate, Area Affected : 5%			
	Location: 3rd Floor				
Roof					
Not Accessible	100%				
Interior Floors					
Cast in Place Concrete	55% 0-2 \$2,	700 LIFE **	5	\$28,300	
Cust in Flace Concrete	Cracking/Crumbling, Extent : Mo Location : Entry Stair		3	Ψ20,300	
	Paint Peeling, Extent: Light, Are Location: 3rd Floor Corridor.	a Affected : 10%			
Ceramic Tile	10%	2029 **	5	\$2,400	
	Worn/Eroded, Extent : Light, Area	a Affected : 50%			
	Location: Various Locations				
Quarry Tile	5%	2039 **	5	\$1,800	
	Worn/Eroded, Extent: Light, Are	==			
	Location: Various Locations				
Vinyl Tile	Cracking/Crumbling, Extent: Mo	,000 2026 \$59,900 oderate, Area Affected : 5%	3	\$2,600	
	Location: Various Locations	- ACC			
	Worn/Eroded, Extent: Light, Area Location: Various Locations	a Affeciea : 25%			
Interior Walls	Location . Tantous Locations				
Ceramic Tile	10% Now \$5,	,000 2029 **	5	\$1,800	
	Broken/Missing Elements, Extent				
	Location: Various Locations				
	Worn/Eroded, Extent : Light, Area				
	Location: 2nd Floor Bathroom.	, <u> </u>			
Gypsum Board	45%	LIFE **	5	\$9,700	
SGFT/Glazed Masonry	40%	LIFE **			
Wood	5%	LIFE **	5	\$7,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$11,400	2039	* *	5	\$3,500	
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 25%			
	Location	: 2nd Floo	r					
	Staining/L	oiscoloring,	Extent : Moderate	, Area A	ffected : 50%			
	Location	: 2nd Floo	r					
Exposed Struc: Steel	40%			LIFE	* *			
Fiber Board	15%	Now	\$4,600	2026	\$23,000			
	Other Obs	ervation, E.	xtent : Light, Area	Affected	! : 100%			
	Location	: 3rd Floor	r Laundry Room.					
	Explana	tion : Expos	sed Silver / Foil In	sulation .	Delaminated And I	Puncture	d.	
Gypsum Board	15%			LIFE	* *	5	\$4,400	

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent: Light,	Area Affected :	100%			
	Location : Electrical Room					
	Explanation: 800 Amperes, 480	v, 3 Phase				
Raceway						
Conduit	80%	2026	\$25,000	1		
Conduit	20%	2036	* *	1		
Panelboards						
Molded Case Bkrs	25%	2034	* *	5	\$100	
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location : Electrical Room					
	Explanation: 800a Main Panel					
Molded Case Bkrs	75%	2034	* *	5	\$300	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$100	
Fround						
Grounding Devices						
Not Accessible	100%					
tand-by Power						
Transfer Switches						
Automatic	100%	2031	* *	1	\$4,900	
Generators						
Diesel	100%	2022	\$65,700	1	\$6,100	
	Other Observation, Extent : Light,	$Area\ Affected:$	100%			
	Location: Mechanical Room					
	Explanation: 250 Kva, 480v					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Electrical		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$600	
Fuel Storage								
Day Tank	100%			2034	* *	5	\$2,900	
			nt : Light, Area	Affected	: 100%			
		: Mechanical						
	Explanati	on : 85 Gallo	ons					
Lighting								
Interior Lighting	1000/			2021	* *	1.0	Ø1.4.400	
Fluorescent	100%		T	2031		10	\$14,400	
			Extent : Light, A	Area Affe	cted: 70%			
		: Throughout			C . 1 1000/			
	-		, Extent : Light,	Area Af	tected: 100%			
	Location	: Throughout	•					
Egress Lighting	700/			2026	Ф2 000	1		
Emergency, Service	50%			2026	\$3,900	1		
Exit, Service	50%			2026	\$900	1		
Exterior Lighting	400/			2026	4-000	4.0		
HID	10%			2026	\$5,900	10		
No Component	90%							
Alarm								
Fire/Smoke Detection	020/							
No Component	93%	3.7	011 100	2026	ماد ماد	1.0		
Generic, Analog	7%	Now	\$11,400	2036	**	1-3	\$600	
			: Severe, Area	Affected	: 100%			
		: Throughout			1.00	0.7		
				Light, A	rea Affected: 1009	% 0		
	Location	: Throughout						

Mechanical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	2%	2046	* *	1		
Natural Gas	98%	2046	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2039	* *	1	\$7,800	
	Other Observation, Extent: Light, Are	ea Affected : 100%	6			
	Location: 3rd Floor					
	Explanation: Direct Vent Boiler					
Distribution						
Hot Wtr Piping/Pump	100%	2042	* *	4	\$800	
Terminal Devices						
Convector/Radiator	40%	2039	* *	1	\$2,000	
Fan Coil Unit/Heat	60%	2031	* *	1	\$3,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Mechanical	Current	Repair	Future	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2048	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	50% 2-4	\$110,100	2030	* *	2	\$400	
3	R-22 Refrigerant, Ex Location : 3rd Floo	0 .	ffected :	100%			
	Other Observation, I Location : 3rd Floo		Area Affe	cted : 30%			
	Explanation : No I	nsulation On Outsid	le Air Du	cts.			
Split Unit	50%		2031	* *			
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$20,500	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,800	
Exhaust Fans							
Interior	100%		2031	* *	2	\$500	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
Water Heater	1000/		2021	# 0.000	2	#200	
Gas Fired	100%	C.,,	2021	\$9,000	2	\$200	
	Other Observation, I Location : 3rd Floo	_	Ајјестеа	: 100%			
			ilan / 1	120 Callon Unit			
Sanitary Piping	Explanation : Indir	есі ғігеа ғтот Бо	ner / 1 - 1	20 Ganon Unii			
Cast Iron	100%		LIFE	* *	1		
Cast Iron	Malfunctioning, Exte	ent · Moderate Are		1 · 10%	1		
	Location : Baseme		a rijjeeree	. 10/0			
	Other Observation, I		Area Affe	cted : 20%			
	Location : Baseme		1.00.11990	20,0			
	Explanation : Duri		Backs Up	Into Fire Station			
Storm Drain Piping	T	<u> </u>	P				
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

\$2,100

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 40/LADDER CO. 35

Address : 131 AMSTERDAM AVENUE @ W. 66 ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.040 / 13028 Yr Built/Renovated : 1961 /

Area Sq Ft : 7,060 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2,3

Total

Block : 1137 Lot : 7501 BIN : 1077844

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$127,900
Mechanical		\$140,400
Total		\$268,300
Importance Code B		\$183,900
Importance Code C		\$84,400
Total		\$268,300

EXPENSE FY 2019 FY 2020 FY 2021 FY 2022 **Exterior Architecture** \$200 \$2,000 Interior Architecture \$7,500 \$5,200 \$600 Electrical \$27,500 \$100 Mechanical \$1,100 \$7,500 \$4,500 \$1,400 Total \$42,700 \$1,100 \$11,800 \$2,100 Importance Code A \$200 \$2,000 \$200 Importance Code B \$40,600 \$1,100 \$8,300 \$1,900 Importance Code C \$1,900 \$1,500

\$1,100

\$11,800

\$42,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13028

Architecture		Current I	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Limestone	60%			LIFE	* *	5	\$3,900	
Metal Sect. OHD	15%			2036	* *	5	\$4,000	
Granite Panels	25%			LIFE	* *	5	\$1,600	
Windows								
Aluminum	100%			2039	* *	5	\$400	
nterior Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$16,000	
	_	Extent : Lig : Basemen	ht, Area Affected : t	5%				
Ceramic Tile	6%	0-2	\$900	2032	* *	5	\$400	
	_	Deteriorate : Bathrooi	d, Extent : Light, A n	Area Affec	ted : 5%			
Panel/Paver: Cer/Brk	5%			2039	* *	5	\$1,600	
Quarry Tile	4%	0-2	\$1,700	2036	* *	5	\$400	
·		ssing Elem : Kitchen	ents, Extent : Mod	erate, Are	ea Affected : 5%			
Vinyl Tile	35%	0-2	\$2,200	2023	\$43,500	3	\$1,900	
Č	Worn/Eroc	led, Extent	: Moderate, Area	Affected :	•			
	Location	: 2nd Floo	or Corridor, Throug	ghout				
Interior Walls								
Cast in Place Concrete	10%	0-2	\$1,900	LIFE	* *			
	Paint Peel Location	_	: Severe, Area Aff	ected : 90	%			
Ceramic Tile	50%			2026	\$84,400	5	\$3,100	
Concrete Masonry Unit	10%			LIFE	* *	5	\$200	
Gypsum Board	20%			LIFE	* *	5	\$700	
Plaster	10%			LIFE	* *	5	\$200	
Ceilings								
AcousTileSusp.Lay-In	50%			2036	* *	5	\$7,300	
	-	olace Evide : Through	ent, Extent : Light, out	Area Affe	cted : 75%			
		_	Extent : Light, Are	ea Affecte	d: 2%			
	Location	: Truck O	fice	-				
Exposed Concrete	30%			LIFE	* *	5	\$700	
Exposed Struc: Steel	20%			LIFE	* *	-	4.50	

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13028

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	* *	5		
	Other Observation, Extent : Moder	ate, Area Affect	ted : 100%			
	Location: Basement					
	Explanation: One 400 Amperes I	Main Disconnec	et Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	* *	5	\$200	
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Fused Disc Sw	10%	2031	* *	5		
Molded Case Bkrs	90%	2031	* *	5	\$200	
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	98%	2023	\$18,700	10	\$6,300	
	Other Observation, Extent : Moder	ate, Area Affect	ted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Incandescent	2%	2019	\$900	2		
Egress Lighting						
Emergency, Service	100%	2023	\$3,500	1		
Exterior Lighting			-			
HID	100%	2019	\$26,600	10		

l lechanical		Current Re	pair	Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating									
Energy Source									
Electricity	100%			2049	* *	1			
Conversion Equipment									
Pres. Reducing	100%			2032	* *	5	\$400		
Valve/LP Steam									
Distribution									
Central Plant Steam	100%	Now	\$5,600	2049	* *	4	\$300		
Piping/Pmp									
	Steam Trap	os Faulty, Ex	xtent : Moderate,	Area Afj	fected : 5%				
	Location	: Basement							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13028

Mechanical		Current Re	pair	Futur	Future Replacement Maintenance		aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•							
Terminal Devices								
Air Handler	100%			2031	* *	1	\$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit -	100%			2027	\$140,400	2	\$400	
Heating/Cooling								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$9,200	
Terminal Devices	4000/			• • • • •	* *			
Air Handler/Cool/Ht	100%			2031	* * *	1	\$4,400	
Ventilation								
Distribution Ductwork/Diffusers	1000/			LIEE	* *	2.5	¢2 000	
	100%			LIFE	77 77	2-5	\$3,900	
Exhaust Fans Interior	100%			2031	* *	2	\$200	
Plumbing	10070			2031			\$200	
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
HW Heat Exchanger	10070			2017		-		
Steam Fired	100%			2049	* *	4	\$700	
Sanitary Piping	10070						4,00	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	\$200	2019	\$200	4	\$200	
	Broken, E.	xtent : Severe	e, Area Affected :	100%				
	Location	: Basement						
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	\$3,700	
Sprinkler	2501							
No Component	25%			20.42	* *	1.2	01.500	
Generic	75%			2043	* *	1-2	\$1,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 42/LADDER CO. 56 Address : 1781 MONROE AVENUE @ E. 175 ST.

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 8,064 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Mar-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3

Block : 2797 Lot : 35 BIN : 2007448

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$125,400	
Interior Architecture	\$143,300	
Total	\$268,700	
Importance Code A	\$125,400	
Importance Code B	\$143,300	
Total	\$268.700	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$54,200			\$8,000
Interior Architecture	\$35,600	\$500	\$300	\$100
Electrical	\$3,500	\$600	\$500	\$7,700
Mechanical	\$1,100	\$1,100	\$1,300	\$12,800
Site Enclosure	\$14,300			
Total	\$108,700	\$2,100	\$2,000	\$28,600
Importance Code A	\$57,900	\$800	\$800	\$8,800
Importance Code B	\$34,400	\$1,200	\$1,200	\$19,800
Importance Code C	\$16,400	\$200		
Total	\$108,700	\$2,100	\$2,000	\$28,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13030

	Current F	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Cracking/C Location . Jnt Mortar Location . Repointing	rumbling, : Througho Miss/Eroa : Hose Tov Failure, E	Extent : Moderate out l, Extent : Moderat wer Extent : Moderate, 2	, Area Aj e, Area A Area Affe	Affected : 50%	5	\$14,900	
Jnt Mortar	Miss/Eroa		LIFE e, Area A	* * Affected : 25%	5	\$800	
Jnt Mortar	Miss/Eroa		LIFE e, Area A		5	\$1,600	
15%			2032	* *	5	\$16,000	
Bent/Warpe Location . Unit Inoper	ed Element : Throught able, Exte	out nt : Severe, Area A			5	\$300	
Locuiton .	Through)ui					
Caulking D	eteriorate			* * Tected : 2%	5	\$1,500	
-				* * Affected : 10%	5	\$1,700	
97% Now \$80,400 2037 ** Alligatoring, Extent: Severe, Area Affected: 80% Location: Throughout Miss/Damaged Flashings, Extent: Severe, Area Affected: 20% Location: Throughout							1
Location .	: Third Flo	oor At Bulkhead					
Broken/Mis Location . Corrosion/I	sing Elem : Through	ents, Extent : Mod out xtent : Moderate, A	erate, Ar	ea Affected : 20%			
	70% Cracking/C Location: Jnt Mortar Location: 5% Jnt Mortar Location: 10% Jnt Mortar Location: 15% 100% Bent/Warpe Location: 10% Caulking D Location: 90% Expansion: Location: Water Penel Location: 3% Broken/Mis Location:	70% Now Cracking/Crumbling, Location: Throughd Int Mortar Miss/Eroa Location: North Fai Son Now Jnt Mortar Miss/Eroa Location: Building 10% Now Jnt Mortar Miss/Eroa Location: Building 10% Now Jnt Mortar Miss/Eroa Location: East Fac 15% 100% Now Bent/Warped Element Location: Throughd Unit Inoperable, Exte Location: Throughd Unit Inoperable, Exte Location: Corner A 90% 2-4 Expansion Jnt Failure Location: Corner A 97% Now Alligatoring, Extent: Location: Throughd Miss/Damaged Flash Location: Throughd Water Penetration, E. Location: Third Flo 3% Now Broken/Missing Elem Location: Throughd	70% Now \$45,000 Cracking/Crumbling, Extent: Moderate Location: Throughout Jnt Mortar Miss/Erod, Extent: Moderate Location: Hose Tower Repointing Failure, Extent: Moderate, Location: North Facade, South Facade 5% Now \$2,500 Jnt Mortar Miss/Erod, Extent: Moderate Location: Building Base 10% Now \$4,700 Jnt Mortar Miss/Erod, Extent: Moderate Location: East Facade 15% 100% Now \$22,300 Bent/Warped Elements, Extent: Severe, Location: Throughout Unit Inoperable, Extent: Severe, Area A Location: Throughout 10% Now \$2,400 Caulking Deteriorated, Extent: Severe, Location: Corner At Front Of Building 90% 2-4 \$9,800 Expansion Jnt Failure, Extent: Moderate Location: Corner At Front Of Building 97% Now \$80,400 Alligatoring, Extent: Severe, Area Affect Location: Throughout Miss/Damaged Flashings, Extent: Severe, Location: Throughout Water Penetration, Extent: Severe, Area Location: Third Floor At Bulkhead 3% Now \$12,600 Broken/Missing Elements, Extent: Moderate Location: Throughout	70% Now \$45,000 LIFE Cracking/Crumbling, Extent: Moderate, Area Asteriation: Throughout Jnt Mortar Miss/Erod, Extent: Moderate, Area Asteriation: North Facade, South Facade 5% Now \$2,500 LIFE Jnt Mortar Miss/Erod, Extent: Moderate, Area Asteriation: Building Base 10% Now \$4,700 LIFE Jnt Mortar Miss/Erod, Extent: Moderate, Area Asteriation: Building Base 10% Now \$4,700 LIFE Jnt Mortar Miss/Erod, Extent: Moderate, Area Asteriation: East Facade 15% 2032 100% Now \$2,300 2052 Bent/Warped Elements, Extent: Severe, Area Asteriation: Throughout Unit Inoperable, Extent: Severe, Area Affected: Location: Throughout 10% Now \$2,400 LIFE Caulking Deteriorated, Extent: Severe, Area Affected: Location: Corner At Front Of Building 90% 2-4 \$9,800 LIFE Expansion Jnt Failure, Extent: Moderate, Area Location: Corner At Front Of Building 97% Now \$80,400 2037 Alligatoring, Extent: Severe, Area Affected: 80% Location: Throughout Miss/Damaged Flashings, Extent: Severe, Area Affected Location: Throughout Water Penetration, Extent: Severe, Area Affecte Location: Third Floor At Bulkhead 3% Now \$12,600 2053 Broken/Missing Elements, Extent: Moderate, Area Location: Throughout	70% Now \$45,000 LIFE ** Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Throughout Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: North Facade, South Facade 5% Now \$2,500 LIFE ** Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: North Facade, South Facade 5% Now \$2,500 LIFE ** Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: Building Base 10% Now \$4,700 LIFE ** Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: Building Base 10% Now \$4,700 LIFE ** Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: East Facade 15% 2032 ** 100% Now \$22,300 2052 ** Bent/Warped Elements, Extent: Severe, Area Affected: 70% Location: Throughout Unit Inoperable, Extent: Severe, Area Affected: 70% Location: Corner At Front Of Building 90% 2-4 \$9,800 LIFE ** Expansion Int Failure, Extent: Moderate, Area Affected: 10% Location: Corner At Front Of Building 97% Now \$80,400 2037 ** Alligatoring, Extent: Severe, Area Affected: 80% Location: Throughout Water Penetration, Extent: Severe, Area Affected: 10% Location: Third Floor At Bulkhead 3% Now \$12,600 2053 ** Broken/Missing Elements, Extent: Moderate, Area Affected: 20%	Total Fail Date Estimated Cost Year Estimated Cost Cycle Total Fail Date Estimated Cost FY Estimated Cost Cycle FY FY S	Now \$45,000 LIFE ** 5 \$14,900 LIFE ** 5 Location : Throughout Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : North Facade South Facade 50% Location : Building Base 10% Now \$4,700 LIFE ** 5 \$1,600 Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : Building Base 15% 2032 ** 5 \$16,000 Location : East Facade 15% Location : Throughout Location : Throughout Location : Throughout Life ** 5 \$1,600 Life Location : Throughout Life ** 5 \$1,500 Life Location : Corner At Front Of Building 90% 2-4 \$9,800 Life ** 5 \$1,700 Life Location : Corner At Front Of Building 97% Now \$80,400 2037 ** Alligatoring, Extent : Severe, Area Affected : 20% Location : Throughout Location : Througho

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13030

Architecture		Current	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Floors								
Cast in Place Concrete	Cracking/	-	\$5,300 , Extent : Moderate	-	* * ffected : 10%	5	\$22,400	
		: Apparat	us Room And Secor	d Floor				
Ceramic Tile Quarry Tile	5% 4%			2036 2040	* *	5 5	\$600 \$700	
Terrazzo	1%			LIFE	* *	5	\$100	
Vinyl Tile	5%	0-2	\$2,000	2035	* *	3	\$200	
, ,	Cracking/		, Extent : Moderate		ffected : 15%		+	
		ervation, I : 2nd Floo	Extent : Light, Area or Front	Affected	: 75%			
	Explana	tion : 9 X 9	Tiles					
Interior Walls		_		• • • •		_		
Ceramic Tile	5%			2040	* *	5	\$300	
Gypsum Board	10%			LIFE	* *	5	\$400	
Masonry: Brick	20%	0.2	\$2.100	LIFE	**	_	£400	
Plaster	Cracking/	20% 0-2 \$2,100 LIFE ** 5 \$400 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Various Locations Due To Water Infiltration						
SGFT/Glazed Masonry	40%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$1,300	
Ceilings								
Exposed Concrete	Corrosion Location Water Pen	: Basemer etration, E	\$12,200 Extent : Moderate, A nt, At Front Of Buil Extent : Severe, Area nt, At Front Of Buil	ding a Affecte		5	\$600	
Exposed Struc: Steel	Corrosion		\$143,300 Extent : Severe, Area at Areas At Metal D					
Gypsum Board	Water Pen		\$3,100 Extent : Moderate, A or Rear Of Building		* * cted : 30%	5	\$900	
Plaster			\$10,900 , Extent : Moderate Locations Where W			5 re Found	\$5,200	
Site Enclosure								
Fence/Gates Chain link			\$12,200 Extent : Moderate, A oll-up Gate	2057 Area Affe	* * cted : 15%			
Free Standing Walls	Locuiton	. I . Om Re	up Guic					
Concrete Masonry Unit	Loose Uni		\$2,100 Severe, Area Affec eft Corner When Se					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13030

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Site Pavements				
On-Site Walkways				
Cast in Place Concrete	100%	2040 **		
Parking/Driveway				
Cast in Place Concrete	100%	2040 **		

Electrical	Current Repair	Future Rep	Future Replacement Maintenance						
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Service Equipment									
Fused Disc Sw		900 2047	* *	5					
	Enclosure Corroded, Extent: Mod		: 50%						
	Location : Basement Con Ed Ser								
	Other Observation, Extent : Light	, Area Affected : 1009	%						
	Location: Basement Rear								
	Explanation: 200 Amperes Fuse	ed Switch.							
Raceway	1000/		* *						
Conduit	100%	2037	* *	1					
Panelboards	1000/	2025	* *	_	4.00				
Molded Case Bkrs	100%	2035	* *	5	\$200				
Wiring	1000/	2025	ala ala						
Thermoplastic	100%	2037	* *	1					
Motor Controllers	1000/	2022	* *	_	#100				
Locally Mounted	100%	2032		5	\$100				
	Other Observation, Extent: Light, Area Affected: 100%								
	Location : Basement Boiler Roo								
	Explanation: Heating System E	quipment							
Ground									
Grounding Devices	1000/	LIEE	* *	-	#100				
Generic	100%	LIFE	* *	5	\$100				
Lighting									
Interior Lighting	050/	2022	* *	1.0	\$7,000				
Fluorescent	95%	2032		10	\$7,000				
	T-8 Lamps And Fixtures, Extent: Location: Throughout	Light, Area Affectea	: 100%						
Incandescent	5%	2027	\$2,600	2					
	Other Observation, Extent: Light	, Area Affected : 1009	%						
	Location: Dining Room								
	Explanation: Incandescent Ligh	nts							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13030

Electrical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority				
Lighting								
Exterior Lighting								
HID	50%	2027 \$15,200	10					
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Facade							
	Explanation: H. I. D. Lamps,	Controlled Via Time Clock						
Incandescent	50%	2027 \$12,900	2					
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Facade							
	Explanation: Flag Uplights,	Controlled Via Time Clock						
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	2037 **	1-3 \$5,100					
	Local/Battery Operated Detect,	Extent: Light, Area Affected: 100	9%					
	Location: Throughout							

Mechanical		Current Repair		e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$8,000	
	Recent Rep	place Evident, Extent : Light,	Area Aff	ected : 100%			
	Location	: Basement					
Distribution							
Central Plant Steam Piping/Pmp	100%		2037	* *	4	\$400	
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$2,600	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Window/Wall Unit	75%		2022	\$11,800	1		
No Component	25%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2037	* *	1		
	No Water l	Meter, Extent : Light, Area A <u>f</u>	fected : .	100%			
	Location	: Basement					
Water Heater							
Gas Fired	100%		2025	\$4,600	2	\$100	
	Other Obse	ervation, Extent : Light, Area	Affected	! : 100%			
	Location	: Basement					
	Explanat	ion : 1 - 75 Gallon Unit					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 42/LADDER CO. 56

Asset #: 13030

lechanical	Current Repair	Future Repla	cement	M				
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority		
umbing								
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1				
Backflow Preventer								
No Component	95%							
Generic	5%	2032	* *	1				
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement							
Finter -	Explanation : Serves Boiler	Only						
Fixtures Generic	100%							
Gelleric		de Extent : Moderate Area	Affected .	25%				
	Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 25% Location : Various							
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout							
	Explanation : Fixtues Recei	ntly Replaced						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 43/LADDER CO. 59
Address : 1901 SEDGWICK AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 7,956 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2881 Lot : 140 BIN : 2009252

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$35,000
Mechanical		\$55,600
Total		\$90,600
Importance Code A		\$35,000
Importance Code B		\$55,600
Total		\$90,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,100			\$1,500
Interior Architecture	\$42,400	\$100	\$300	\$3,100
Electrical	\$3,800			\$3,000
Mechanical	\$1,200	\$1,200	\$2,500	\$8,900
Total	\$55,500	\$1,200	\$2,800	\$16,600
Importance Code A	\$8,800	\$800	\$800	\$2,300
Importance Code B	\$46,700	\$500	\$1,900	\$14,200
Importance Code C			\$100	
Total	\$55,500	\$1,200	\$2,800	\$16,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13031

Architecture		Current I	Repair	Futur	re Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	100/			2027	* *	10	#	
Alum/Vinyl Siding	10%			2037	* *	10	\$600	
Masonry: Brick	80%		T	LIFE		5	\$15,700	
		-	amage, Extent : Li	-				
			all At Driveway Ho		-	ge.		
	_	_	, Extent : Moderate all At Grease Exha	-		alr		
			an Ai Grease Exni ent : Light, Area Af			CK		
			vation Next To Par		270			
			vanon Next 101 ar		* *		#100	
Masonry: Granite	1%			LIFE	**	5	\$100	
Masonry: Limestone	4%			LIFE	* *	5	\$600	
Metal Sect. OHD	5%			2032	* *	5	\$3,100	
Windows	000/	NT.	ΦΩ 100	20.42	* *	_	#200	
Aluminum		Now	\$8,100	2043		5	\$200	
		nc Not Fun 1 : Through	ct, Extent : Modero	ие, Area	Ајјества : 25%			
			ош	20.42	* *		#100	
Wood	2%			2043	* *	5	\$100	
Parapets Cast Stone/Terra Cotta	10%			LIFE	* *	5	¢1 000	
Masonry: Brick	90%			LIFE	* *	5 5	\$1,000 \$1,100	
Masonly. Blick			Extent : Light, Ar		ed · 5%	3	\$1,100	
			arapet Wall Exhibi					
Roof	2000000		aper ment Zimer					
Modified Bitumen	78%			2027	\$35,000	10	\$6,000	
			ht, Area Affected :		422,000	10	\$0,000	
	Location		<i>JJ</i>					
			ings, Extent : Ligh	t, Area A	Affected : 2%			
		ı : Roof Fre			55			
Roll Roofing	20%			2023	\$6,400	5	\$2,600	
Skylight, Metal/Glass	2%			2023	**	10	\$500	
Interior	270			2037		10	Ψ200	
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$10,800	
Ceramic Tile	3%			2036	* *	5	\$300	
Ceramic Tile	2%		\$4,200	2042	* *	5	\$100	
			Extent : Severe, Are		ed : 100%		•	
	Location	ı : 2nd Floo	or Shower Room					
Quarry Tile	5%	2-4	\$800	2040	* *	5	\$400	
Quality 1110			nents, Extent : Mod		rea Affected : 10%		ψ	
		ı : Kitchen	,	,	33			
Vinyl Tile	5%			2032	* *	3	\$200	
Vinyl Tile Vinyl Tile		Now	\$27,800	2032	* *	3	\$1,200	
v myr rne			: Moderate, Area			3	φ1,200	
		aca, Exicii 1 : Through		-,,, = = 100	00/0			
Wood	10%			2042	* *	5	\$2,000	
w oou	10%			ZU4Z		J	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13031

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$300	
Concrete Masonry Unit	5%		LIFE	* *	5	\$100	
Gypsum Board	10%		LIFE	* *	5	\$400	
Masonry: Brick	2%		LIFE	* *			
Plaster	40%		LIFE	* *	5	\$700	
Plywood/Hardboard	3%		LIFE	* *			
SGFT/Glazed Masonry	35%		LIFE	* *			
	Broken/Mi	ssing Elements, Extent : Ligh	t, Area A	ffected : 2%			
	Location	: At Stair/Missing Elements					
Ceilings							
AcousTileSusp.Lay-In	30%		2032	* *	5	\$3,300	
Embossed Metal	50%	Now \$9,600	LIFE	* *	5	\$2,500	
	Broken/Mi	ssing Elements, Extent : Mod	erate, Ar	ea Affected : 5%			
	Location	: Apparatus Room Front					
	Deformed/	Dented, Extent : Moderate, A	rea Affe	cted : 5%			
	Location	: 1st And 2nd Floors					
Exposed Struc: Steel	20%		LIFE	* *			
Site Enclosure							
Fence/Gates							
Chain link	100%		2037	* *			
Retaining Walls							
Cast in Place Concrete	100%		2062	* *			
Site Pavements							
Parking/Driveway							
Cast in Place Concrete	100%		2032	* *			

Electrical	Current Re	epair Fu	ure Replacemen	t N	Maintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Yea		ost Cycle (Yrs)		Priority
Inder 600 Volts				-		
Service Equipment						
Fused Disc Sw	100%	203	7 *	* * 5		
	Other Observation, Ex	tent : Light, Area Affect	ed : 100%			
	Location: Basement	Electrical Section				
	Explanation: 200 An	nperes Disconnect Swit	ch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	203	7 *	* 5	\$200	
Raceway						
Conduit	50%	203	7 *	* 1		
Conduit	50%	204	7 *	* 1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13031

Electrical	Current Repair	Future Rep	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	50% Now \$3,800		* *	5	\$100	
	Other Observation, Extent : Light, A.	rea Affected : 100	0%			
	Location: 1st Floor	. T.				
	Explanation : Apparatus Circuit Br				****	
Molded Case Bkrs	50%	2043	* *	5	\$100	
Wiring	600/	2027				
Thermoplastic	60%	2037	* *	1		
Thermoplastic	40%	2047	* *	1		
Motor Controllers	1000/	2022	* *	5	¢100	
Locally Mounted	100%	2032		5	\$100	
Ground Grounding Devices						
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Generic	Other Observation, Extent : Light, A.		0%	3	\$100	
	Location: Basement Water Main	reary cerea : 100	,,,			
	Explanation : Recently Installed					
Lighting						
Interior Lighting						
Fluorescent	10%	2027	\$2,200	10	\$700	
	T-8 Lamps And Fixtures, Extent: Lig	ght, Area Affected	l : 100%			
	Location: 2nd Floor					
Incandescent	5%	2022	\$2,500	2		
LED	85%	2032	* *			
	Recent Installation, Extent: Light, A	rea Affected : 100	0%			
	Location: Basement 1st And 2nd F	Floors				
Egress Lighting						
Exit, Service	25%	2027	\$200	1		
	Other Observation, Extent: Light, A.	rea Affected : 100	0%			
	Location: Basement					
	Explanation: Front Area					
No Component	75%					
Exterior Lighting						
HID	95%	2027	\$28,500	10		
	Other Observation, Extent: Moderate	te, Area Affected	: 100%			
	Location : Facade And Side					
	Explanation: Wall Mounted, Contr					
Incandescent	5%	2022	\$300	2		

Mechanical	Current Re	pair Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	1%	2047	* *	1		
Natural Gas	99%	2047	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13031

Mechanical	Current Repair Future Replacement		М			
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment	10/	2022	ate ate			
Radiant Heater	1%	2032	**	2		
	Other Observation, Extent: Light, Are Location: 1st Floor	еа Ајјестеа .	100%			
	Explanation: Electric Unit Heater					
Steam Boiler	99%	2040	* *	1	\$7,800	
Distribution	, , , , , , , , , , , , , , , , , , ,	2010		-	Ψ7,000	
Central Plant Steam	100%	2037	* *	4	\$400	
Piping/Pmp					•	
Terminal Devices						
Convector/Radiator	100%	2032	* *	1	\$2,600	
Air Conditioning						
Energy Source	1000/	20.42	ale ale			
Electricity	100%	2043	* *	1		
Conversion Equipment	20%	2028	\$55,600	2	\$100	
Interior Pkg Unit - Cooling	2070	2028	\$55,600	2	\$100	
Coomig	Other Observation, Extent : Light, Are	ea Affected .	: 100%			
	Location : 1st Floor	JJ				
	Explanation: Serves Sitting Room&	raquet Ball	Court			
Reciprocating Compr/Chiller	20%	2032	* *	1	\$700	
1	R-22 Refrigerant, Extent : Light, Area Location : Lower Roof	Affected : 1	100%			
	Other Observation, Extent : Light, Are Location : 1st Floor	ea Affected .	: 100%			
	Explanation : Serves Members Roon	n				
Window/Wall Unit	50%	2022	\$7,800	1		
No Component	10%		41,000	_		
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2	\$2,100	
	Other Observation, Extent : Light, Are	ea Affected .	: 100%			
	Location : 1st Floor					
	Explanation: Sitting And Members	Rooms				
No Component	80%					
Terminal Devices	100/	2027	¢10.700	1	#200	
Fan Coil - 2 Pipe	10% Other Observation, Extent: Light, Are	2027	\$12,700	1	\$300	
	Location: 1st Floor	ги Аујестей.	. 100/0			
	Explanation : Members Room					
No Component	90%					
Ventilation	2070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13031

echanical	Current Repa	ir Futur	e Replacement	Maintenance		
stem Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ntilation						
Exhaust Fans						
Interior	90%	2027	\$23,800	2	\$200	
Roof	10%	2032	* *	2		
mbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
	Antiquated, Extent : Light	t, Area Affected : 100%				
	Location: Basement					
	No Water Meter, Extent:	Light, Area Affected:	100%			
	Location: Basement					
Water Heater						
Gas Fired	100%	2025	\$4,500	2	\$100	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gas	llon Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	95%					
Generic	5%	2032	* *	1		
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 44

Address : 221 EAST 75th STREET BTWN 2ND AVE. - 3RD AVE.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 6,250 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1430 Lot : 10 BIN : 1044059

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$44,000	\$66,000
Interior Architecture	\$58,900	
Electrical	\$9,600	\$48,800
Total	\$112,600	\$114,800
Importance Code A	\$44,000	\$66,000
Importance Code B	\$68,500	\$48,800
Total	\$112,600	\$114,800

Total	\$160,200	\$800	\$4,900	\$1,200
Importance Code C	\$11,300		•	
Importance Code B	\$134,100	\$200	\$4,300	\$600
Importance Code A	\$14,800	\$600	\$600	\$700
Total	\$160,200	\$800	\$4,900	\$1,200
Mechanical	\$26,700	\$800	\$4,800	\$800
Electrical	\$24,200		\$100	
Interior Architecture	\$95,100			\$300
Exterior Architecture	\$14,200			\$100
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 44

Asset #: 13032

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior								
Exterior Walls								
Masonry: Brick	,	Now	\$44,000	LIFE	* *	5	\$14,600	
		nce, Extent : Front Fo	: Moderate, Area acade	Affected	: 5%			
Masonry: Limestone	15%			LIFE	* *	5	\$2,400	
Metal Panel	5%	0-2	\$800	2033	* *	5	\$2,000	
		/Rusting, E : Through	xtent : Light, Area out	Affected	: 10%			
Wood Overhead Doors	10%	0-2	\$6,600	2028	\$66,000	5	\$5,200	
Wood Overhead Books		issing Elem : Through	nents, Extent : Ligh out	t, Area A	ffected : 20%			
Windows								
Aluminum	100%	0-2	\$2,200	2039	* *	5	\$300	
		issing Elem : Through	ents, Extent : Ligh out	t, Area A	ffected : 20%			
Parapets								
Masonry: Brick	80%			LIFE	* *	5	\$600	
Metal Cornice	20%			2038	* *	10	\$500	
Roof								
Asphalt Shingle	5%			2032	* *	10	\$100	
Modified Bitumen	90%			2028	\$33,000	10	\$5,700	
Skylight, Metal/Glass	5%	0-2	\$4,700	2033	* *			
		issing Elem : Through	ents, Extent : Ligh out	t, Area A	ffected : 10%			
		etration, E : Through	xtent : Light, Area out	Affected	: 10%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 44

Asset #: 13032

Architecture	Currer	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors	200/ 37	Φ20, 600	LIEE	* *	~	Φζ 000	
Cast in Place Concrete	30% Now	\$28,600 ng, Extent : Light, Ar	LIFE		5	\$6,000	
	Location : Appar	-	еа Ајјесте	2a : 100%			
		Extent : Severe, Are	a Affecte	d : 20%			
	Location : Throu		33				
Ceramic Tile	5%		2038	* *	5	\$500	
	Recent Replace Ev	ident, Extent : Light,	Area Affe	ected : 100%			
	Location: Throu	ghout					
Quarry Tile	5% Now	\$5,300	2028	\$13,200	5	\$300	
	_	ig, Extent : Severe, A	rea Affec	ted : 40%			
	Location: Throu						
Vinyl Tile	30% Now	\$23,400	2033	**	3	\$1,000	
	O	ements, Extent : Mod	erate, Ar	ea Affected : 30%			
	Location: 2nd F	oor 1g, Extent : Moderate	Araa At	Factod · 50%			
	Location: 2nd F		, Агеи Ад	jeciea . 5070			
Wood	30% 4+	\$4,500	2038	* *	5	\$2,600	
Wood		h, Extent : Moderate,		ected : 20%	3	Ψ2,000	
	Location : Throu	ghout	55				
Interior Walls							
Ceramic Tile	5%		2038	* *	5	\$500	
	-	ident, Extent : Light,	Area Affe	ected : 100%			
	Location: Throu	ghout					
Masonry: Brick	15%		LIFE	**			
	•	lent, Extent : Light, A	rea Affec	rted: 100%			
DI (Location : Appar		LIEE	* *	-	Φ1 (OO	
Plaster	60% Now	\$4,300 ng, Extent : Moderate	LIFE		5	\$1,600	
	Location: 3rd Fl		, лгеи лу	jecieu . 1070			
		Extent : Moderate, A	Area Affe	cted : 10%			
	Location : 3rd Fl		33 -				
SGFT/Glazed Masonry	20% 0-2	\$7,000	LIFE	* *			
y	Cracking/Crumblin	ng, Extent : Light, Ar	ea Affecte	ed : 10%			
	Location : Throu	ghout					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 44

Asset #: 13032

Architecture		Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	\$500	
		lace Evident, Throughout	Extent: Light,	Area Aff	ected : 100%			
Embossed Metal	68%	Now	\$21,900	LIFE	* *	5	\$2,800	
		sing Element 3rd Floor		erate, Ar	rea Affected : 10%		. ,	
		tration, Exte 3rd Floor	nt : Moderate, A	Area Affe	cted : 10%			
Exposed Concrete	20%	Now	\$58,900	LIFE	* *	5	\$300	
•	Cracking/C	rumbling, Ex	tent : Moderate	, Area A	ffected : 40%			
	Location .	Basement						
	Spalling, Extent : Moderate, Area Affected : 40% Location : Basement							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location .	Basement						
	Explanati	on : Corrode	d Steel Member	s				
Exposed Struc: Wood	5%			LIFE	* *			
Gypsum Board	1%			LIFE	* *	5	\$100	
Plaster	1%	0-2	\$100	LIFE	* *	5	\$100	
	Cracking/C	rumbling, Ex	tent : Light, Are	ea Affect	ed : 10%			
	Location .	Throughout	<u>-</u>					

ectrical	Current Repa	ir Future	Replacement	M	aintenance			
stem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2023	\$4,800	5				
	Enclosure Corroded, Extent : Moderate, Area Affected : 10%							
	Location: Basement							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Basement	30						
	Explanation: No Availa	ble Nameplate Ratings.						
Switchgear / Switchboard								
Molded Case Bkrs	100%	2023	\$48,800	5	\$200			
Raceway								
Conduit	25%	2023	\$7,800	1				
Conduit	75%	2033	* *	1				
Panelboards								
Molded Case Bkrs	75%	2031	* *	5	\$100			
Molded Case Bkrs	25%	2022	\$9,600	5				
Wiring								
Thermoplastic	100%	2033	* *	1				

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 44

Asset #: 13032

Electrical	Current Repair	Future F	Replacement	M					
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$100				
	Corroded, Extent : Moderate, Area Location :	Affected: 100%	ó						
Lighting									
Interior Lighting									
Fluorescent	98%	2023	\$16,600	10	\$5,600				
	Other Observation, Extent: Moder Location: Throughout The Build Explanation: T-8 Lamps	. 55	ed : 100%		\$3,600				
Fluorescent	1%	2019	\$200	10	\$100				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Basement								
	Explanation: T-12 Lamps								
Incandescent	1%	2019	\$400	2					
Exterior Lighting									
HID	100%	2019	\$23,600	10					

Mechanical	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$6,200	
	Other Observation, E	Extent : Light, Area	Affected	: 100%			
	Location: Basemen	ıt .					
	Explanation: One	Unit					
Distribution							
Central Plant Steam	100%		2033	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100% Now	\$1,600	2028	\$31,300	1	\$1,800	
	Leak Evident, Extent : Moderate, Area Affected : 2%						
	Location: Gymnasi	ium Radiator					
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	100%		2019	\$12,200	1		
Ventilation							
Distribution							
Ductwork/Diffusers	50% Now	\$2,700	LIFE	* *	2-5	\$1,700	
	Inadequate Supply, E	Extent : Moderate, A	Area Affe	cted : 50%			
	Location: 1st Floor	r					
No Component	50%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 44

Asset #: 13032

echanical	Current Rep	air	Futur	e Replacement	М	aintenance		
vstem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
entilation								
Exhaust Fans								
Interior	100% Now	\$4,200	2028	\$20,800	2	\$200		
	Broken, Extent : Severe, Area Affected : 30%							
	Location: Apparatus							
umbing								
H/C Water Piping								
Galvanized Steel	100%		2036	* *	1			
Water Heater								
Gas Fired	100%		2021	\$3,600	2	\$100		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Basement							
	Explanation: 2 Units							
Sanitary Piping								
Cast Iron	100% Now	\$4,300	LIFE	* *	1			
	Blockage /Clogged, Exte	nt : Severe, Ared	a Affecte	ed : 5%				
	Location: Basement B	athroom, When	It Rains					
Storm Drain Piping								
Cast Iron	100% Now	\$1,200	LIFE	* *	1			
	Blockage /Clogged, Exte	nt : Moderate, A	rea Affe	ected : 5%				
	Location : Basement, V	Vhen It Rains						
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 46 / LADDER CO. 27 COMBINED FACILITY

Address : 460 CROSS BRONX EXPRESSWAY

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.046 / 13034 Yr Built/Renovated : 1972 /

Area Sq Ft : 8,790 Project Type : FIRE DEPARTMENT

Date of Survey : 21-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2907 Lot : 10 BIN : 2009509

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$116,400	\$74,700
Electrical		\$30,800
Mechanical		\$92,200
Total	\$116,400	\$197,700
Importance Code A	\$116,400	\$74,700
Importance Code B		\$123,000
Total	\$116,400	\$197.700

Total \$116,400 \$197,700

Importance Code B Importance Code C	\$29,400 \$1,200	\$14,400 \$400	\$4,800	\$51,500
Importance Code A	\$27,000		44.000	\$2,900
Total	\$57,600	\$14,900	\$4,800	\$54,400
Mechanical	\$21,600	\$13,300	\$4,700	\$1,300
Electrical	\$3,800		\$100	\$49,500
Interior Architecture	\$5,100	\$1,500		\$600
Exterior Architecture	\$27,000			\$2,900
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 46 / LADDER CO. 27 COMBINED FACILITY

Asset #: 13034

Architecture		Current F	Repair	Futur	re Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	Broken/M Location Jnt Morta Location	n : Side Elev r Miss/Eroc n : Through		0oor rea Affec	eted : 15%	5	\$12,900		
			Extent : Severe, Ar ont Ohd Entrance	еа Ајјест	tea : 15%				
Metal Sect. OHD	10%		m Ona Emrance	2032	* *		\$5,800		
Pre-Cast Concrete	20%			LIFE	* *	5 5	\$12,000		
Windows	2070			LILE			\$12,000		
Aluminum				2035 Terate, Ar	* * rea Affected : 25%	5	\$200		
Parapets									
Cast Stone/Terra Cotta	Cracking/ Location Vertical C	i : High Roo Tracks, Exte	\$300 Extent: Severe, A of ont: Moderate, Are out Parapet			5	\$800		
Masonry: Brick	Location Misaligne Location Miss/Dam	r Miss/Erod : Through d/Bulging, : Main Ro aged Copir	\$9,900 d, Extent : Light, A out Parapet Extent : Moderate, of And Mechanica ngs, Extent : Severa of At Front Of Bui	Area Afj l Bulkhed e, Area A	fected : 50% ad	5	\$600		
Roof Modified Bitumen			\$14,900 Moderate, Area A	2027 ffected :	\$74,700 20%				
nterior									
Floors Cast in Place Concrete Ceramic Tile	40% 15%			LIFE 2030	* *	5 5	\$12,800 \$2,200		
Terrazzo	10%			LIFE	* *	5	\$1,100		
Vinyl Tile	20% Other Obs Location	2-4 servation, E	\$500 Extent : Light, Area or And Penthouse Tiles	2027	\$24,900 1:50%	3	\$1,100		
Vinyl Tile 9" X 9"	Broken/M	_	\$500 nents, Extent : Mod or And Penthouse	2027 Terate, Ar	\$24,200 rea Affected : 50%	3	\$800		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 46 / LADDER CO. 27 COMBINED FACILITY

Asset #: 13034

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	10%			2030	* *	5	\$900	
Concrete Masonry Unit	20%			LIFE	* *	5	\$700	
Gypsum Board	10%			LIFE	* *	5	\$500	
Plaster	33%	Now	\$1,200	LIFE	* *	5	\$900	
	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 10%			
	Location	: Walls Ad	ljacent To Steam R	oom/ Sai	ına And Weight Ro	oom		
Plywood/Hardboard	2%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	0-2	\$1,700	2040	* *	5	\$2,100	
	Staining/D	iscoloring,	Extent: Light, Are	ea Affect	ed : 10%			
	Location	: 2nd Floo	r Ceiling Below Ro	oof				
	Worn/Eroc	led, Extent	: Moderate, Area	Affected	: 15%			
	Location	: Through	out					
Exposed Concrete	35%			LIFE	* *	5	\$800	
Plaster	35%	Now	\$1,300	LIFE	* *	5	\$3,000	
	Paint Peel	ing, Extent	: Light, Area Affec		ó		. ,	
		: Kitchen	30					

Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2037	* *	1		
Panelboards								
Molded Case Bkrs	80%			2026	\$30,800	5	\$200	
Molded Case Bkrs	20%	4+	\$3,800	2035	* *	5		
	Cracked C	ase, Extent	: Moderate, Area	Affected	: 50%			
	Location	: 1st Floor	And Bunk Room					
Wiring								
Thermoplastic	100%			2037	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	40%			2022	\$9,500	10	\$3,200	
	T-8 Lamps	And Fixtu	res, Extent : Light,	Area Afj	fected : 100%			
	Location	: Through	out					
Incandescent	10%			2022	\$5,600	2		
LED	50%			2032	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 46 / LADDER CO. 27 COMBINED FACILITY

Asset #: 13034

Electrical	Current Repair	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting				
Egress Lighting				
Emergency, Service	50%	2027 \$2,200	1	
	Other Observation, Extent : Moderate,	Area Affected : 100%		
	Location: Throughout			
	Explanation : Limited Emergency Lig	hting		
No Component	50%			
Exterior Lighting				
HID	60%	2022 \$19,900	10	
Incandescent	40%	2022 \$11,300	2	

Mechanical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority			
Heating								
Energy Source								
Natural Gas	100%	2047 **	1					
Conversion Equipment								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location: Throughout							
	Explanation: Served By Adjacent	t N Y P D Building						
Distribution								
Not Accessible	100%							
	Other Observation, Extent : Light,	Area Affected : 0%						
	Location: Throughout							
	Explanation: Served By Adjacent	t N Y P D Building						
Terminal Devices								
Convector/Radiator	50% Now \$1,1		1	\$1,300				
	Other Observation, Extent: Moder	rate, Area Affected : 100%						
	Location : Throughout							
	Explanation: Comfort Control Is	sues						
Unit Heater - Steam	50%	2032 **	4	\$600				
	Other Observation, Extent: Light, Area Affected: 50%							
	Location: 1st Floor And Penthouse							
	Explanation: Unit Heaters On Apparatus Floor And Penthouse							
Air Conditioning								
Energy Source								
Electricity	100%	2043 **	1					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 46 / LADDER CO. 27 COMBINED FACILITY

Asset #: 13034

Mechanical	Current Repair Future Replace			acement Maintenance			
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning							
Conversion Equipment							
Centrifugal, Elec Chiller			2036	* *	1	\$4,800	
	R-22 Refrigerant, E Location : Roof	Extent : Light, Area A	Affected: 100%				
		Extent : Light, Area	Affected · 100	%			
	Location: Roof	Zateni : Zigni, Tirea	rijjecica i 100	, 0			
		its Serviced And Con	trolled By Adjo	icent N Y P I	D Buildir	ıg	
Split Unit	10%		2032	* *			
Window/Wall Unit	40%		2020	\$6,900	1		
	Other Observation, Location : Throug	Extent : Severe, Are ghout	ea Affected : 10	0%			
	Explanation : Wir Adjacent N Y P D	idow Units Requirea Building	Due To Ineffe	ctive Cooling	g From U	nits In The	
Distribution	1000/ 31	04 400	LIEE	* *	2	011 400	
Ductwork/Diffusers	100% Now	\$4,400 Extent : Moderate, 1	LIFE		2	\$11,400	
	Location: Through		нгеи Ајјестеи .	20/0			
	_	ny Diffusers Covered	l Over Or Dam	aged			
Terminal Devices		0,,		6			
Air Handler/Cool/Ht		\$9,200 Extent: Severe, Are	2027 ea Affected : 20	\$92,200 %	1	\$4,900	
	Location: Pentho						
	Explanation : Air Control Issues	Handlers Serviced A	And Controlled	By Adjacent	NYPD B	Building/ Comfort	
		Handlers Serviced A	And Controlled	By Adjacent	NYPD B	Building/ Comfort	
Distribution	Control Issues	Handlers Serviced A					
Distribution Ductwork/Diffusers		Handlers Serviced A	And Controlled LIFE	By Adjacent	2-5	Building/ Comfort \$4,900	
DistributionDuctwork/Diffusers Exhaust Fans	Control Issues 100%		LIFE		2-5		
Distribution Ductwork/Diffusers	100% 10% Now Broken, Extent: Se	######################################	LIFE 2037	* *			
Distribution	100% 10% Now Broken, Extent: Se Location: Ceiling	\$2,900 vere, Area Affected :	LIFE 2037 100%	* *	2-5	\$4,900	
Distribution	100% 10% Now Broken, Extent: Se Location: Ceiling 40%	\$2,900 vere, Area Affected :	LIFE 2037 100% 2032	**	2-5	\$4,900 \$100	
Distribution Ductwork/Diffusers Exhaust Fans Interior	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation,	\$2,900 vere, Area Affected :	2037 100% 2032 2032	**	2-5	\$4,900	
Distribution	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof	\$2,900 were, Area Affected : g Of The 2nd Floor Extent : Light, Area	LIFE 2037 100% 2032 2032 2032 Affected: 100	**	2-5	\$4,900 \$100	
Distribution Ductwork/Diffusers Exhaust Fans Interior Interior Roof	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof	\$2,900 vere, Area Affected . g Of The 2nd Floor	LIFE 2037 100% 2032 2032 2032 Affected: 100	**	2-5	\$4,900 \$100	
Distribution Ductwork/Diffusers Exhaust Fans Interior Interior Roof	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof	\$2,900 were, Area Affected : g Of The 2nd Floor Extent : Light, Area	LIFE 2037 100% 2032 2032 2032 Affected: 100	**	2-5	\$4,900 \$100	
Distribution	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof Explanation: Old 100%	\$2,900 vere, Area Affected . g Of The 2nd Floor Extent : Light, Area	LIFE 2037 100% 2032 2032 Affected: 100 Place 2037	**	2-5	\$4,900 \$100	
Distribution	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof Explanation: Old 100% Other Observation, Location: 2nd Fl	\$2,900 vere, Area Affected: 3 Of The 2nd Floor Extent: Light, Area I Fan Abandoned In Extent: Light, Area oor	LIFE 2037 100% 2032 2032 Affected: 100 Place 2037	** ** **	2-5 2 2 2 2	\$4,900 \$100	
Distribution	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof Explanation: Old 100% Other Observation,	\$2,900 vere, Area Affected: 3 Of The 2nd Floor Extent: Light, Area I Fan Abandoned In Extent: Light, Area oor	LIFE 2037 100% 2032 2032 Affected: 100 Place 2037	** ** **	2-5 2 2 2 2	\$4,900 \$100	
Ductwork/Diffusers Exhaust Fans Interior Interior Roof lumbing H/C Water Piping Brass/Copper	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof Explanation: Old 100% Other Observation, Location: 2nd Fl Explanation: Fair	\$2,900 vere, Area Affected: 3 Of The 2nd Floor Extent: Light, Area I Fan Abandoned In Extent: Light, Area oor	LIFE 2037 200% 2032 2032 Affected: 100 Place 2037 Affected: 5%	** ** ** **	2-5 2 2 2 2	\$4,900 \$100 \$100	
Distribution Ductwork/Diffusers Exhaust Fans Interior Interior Roof lumbing H/C Water Piping Brass/Copper	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof Explanation: Old 100% Other Observation, Location: 2nd Fl Explanation: Fait	\$2,900 were, Area Affected: g Of The 2nd Floor Extent: Light, Area Fan Abandoned In Extent: Light, Area oor	LIFE 2037 100% 2032 2032 Affected: 100 Place 2037 Affected: 5% 2020	** ** ** ** \$5,000	2-5 2 2 2 2	\$4,900 \$100	
Distribution Ductwork/Diffusers Exhaust Fans Interior Interior Roof lumbing H/C Water Piping Brass/Copper	100% 10% Now Broken, Extent: Se Location: Ceiling 40% 50% Other Observation, Location: Roof Explanation: Old 100% Other Observation, Location: 2nd Fl Explanation: Fat 100% Other Observation,	\$2,900 vere, Area Affected: 3 Of The 2nd Floor Extent: Light, Area I Fan Abandoned In Extent: Light, Area oor	LIFE 2037 100% 2032 2032 Affected: 100 Place 2037 Affected: 5% 2020	** ** ** ** \$5,000	2-5 2 2 2 2	\$4,900 \$100 \$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 46 / LADDER CO. 27 COMBINED FACILITY

Asset #: 13034

Mechanical	echanical Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100% Now	\$3,400	LIFE	* *	1		
	Blockage /Clogged, Extent:	Severe, Are	a Affecte	ed: 40%			
	Location: 1st Floor Drain						
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Wet	10%		2025	\$200	1-3	\$500	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Kitchen						
	Explanation: System						
No Component	90%						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 47

Address : 502 WEST 113TH STREET @ AMSTERDAM AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.047 / 13035 Yr Built/Renovated : 1889 /

Area Sq Ft : 5,244 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2013 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 1884 Lot : 39 BIN : 1057000

CAPITAL	FY 2019 - 2022	FY 2023 - 2028		
Exterior Architecture	\$76,400			
Interior Architecture		\$76,500		
Electrical		\$21,000		
Total	\$76,400	\$97,500		
Importance Code A	\$76,400			
Importance Code B		\$97,500		
Total	\$76.400	\$97.500		

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$52,900			
Interior Architecture	\$70,100			\$2,100
Electrical	\$7,100			
Mechanical	\$8,600	\$800	\$700	\$1,400
Site Pavements	\$400			
Total	\$139,000	\$800	\$700	\$3,500
Importance Code A	\$53,400	\$500	\$500	\$500
Importance Code B	\$64,700	\$300	\$200	\$2,700
Importance Code C	\$20,900			\$300
Total	\$139,000	\$800	\$700	\$3,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 47

Asset #: 13035

rchitecture	Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Fail Date Estin Total (Years)		ear Estimated Y	Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior								
Exterior Walls	-0/				_	40.400		
Cast Stone/Terra Cotta	5%		FE	* *	5	\$9,100		
Masonry: Brick	80% Now Cracking/Crumbling, Exten	\$30,800 LI		** **	5	\$18,700		
	Location: East Side Of B		jeciea . 270					
	Water Penetration, Extent		cted : 10%					
	Location: Throughout							
Masonry: Brownstone	10% 0-2	\$38,700 LI	FE	* *	5	\$1,800		
1.1400111.j. 2101000110	Jnt Mortar Miss/Erod, Exte			%		\$1,000		
	Location: Throughout							
	Water Penetration, Extent	: Severe, Area Aff	ected : 20%					
	Location: Throughout							
Wood Overhead Doors	5%	20	29	* *	5	\$5,800		
Windows					_	***		
Aluminum	100% Now		32	* *	5	\$300		
	Unit Inoperable, Extent : M Location : Throughout	Ioderate, Area A <u>f</u>	fected : 25%					
Doranata	Location . Throughout							
Parapets Masonry: Brick	85% Now	\$37,700 LI	FF	* *	5	\$600	1	
Masoniy. Brick	Jnt Mortar Miss/Erod, Exte				3	φοσο	1	
	Location: Main Roof							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Main Parapet							
	Explanation: Tar Applied		ling; Underlying	Brick	Is Very L	Deteriorated;		
	Needs Complete Reconstr			* *		#100		
Masonry: Sandstone	15% Now	\$5,100 LI		* *	5	\$100		
	Jnt Mortar Miss/Erod, Exte Location : All Parapets	eni : Severe, Area	Affectea : 100%					
	Loose/Delam Surface, Exte	ent · Severe Area	Affected : 50%					
	Location : All Parapet Co		ngjeerea : 3070					
Roof	1	1 0						
Asphalt Shingle	5% 0-2	\$200 20	27 \$1	,100				
1	Cracking/Crumbling, Exter							
	Location: Throughout							
Built-Up (BUR)	95% Now	\$5,500 20	24 \$27	,300				
	Water Penetration, Extent	: Moderate, Area	Affected : 20%					
	Location: Throughout							
	Other Observation, Extent	: Moderate, Area	Affected : 2%					
	Location : Main Roof							
erior	Explanation: Base Flash	ıng Broken						

Interior

 $All\ component\ repairs\ \$\ estimates\ are\ in\ current\ dollars\ and\ are\ not\ escalated\ for\ potential\ future\ inflation.$ Note:Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13035

Architecture		Current F	Repair	Futur	e Replacement	nt Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	_	0-2 Crumbling, : Through	\$1,400 Extent : Moderate out	LIFE , Area Ą	* * ffected : 20%	5	\$2,700	
Ceramic Tile	5%			2027	\$12,800	5	\$600	
Mosaic Tile	2%			2029	* *	5	\$600	
Quarry Tile	5%			2037	* *	5	\$900	
Vinyl Tile	_	0-2 Crumbling, : Through	\$15,300 Extent : Light, Are out	2024 ea Affect	\$76,500 ed : 10%	3	\$3,100	
Wood	10%	4+	\$8,700	2039	* *	5	\$1,100	
	Deterioran Location Other Obs Location	: Through ervation, E : Third Fl	Extent : Moderate, out Extent : Moderate, A	Area Af Area Affe			4-,	
Interior Walls	Zivp renter							
Ceramic Tile	5%			2027	\$20,200	5	\$700	
Concrete Masonry Unit				LIFE	**	5	\$300	
Gypsum Board	10%			LIFE	* *	5	\$800	
Masonry: Brick	10%	Now	\$11,400	LIFE	* *		*	
·	Water Pen		xtent : Moderate, A		cted : 30%			
Metal Panel	10%	2-4	\$2,000	LIFE	* *			
	Corrosion	/Rusting, E : Through	xtent : Light, Area		: 50%			
Plaster	60%	0-2	\$7,100	LIFE	* *	5	\$2,400	
	_	Crumbling, : Through	Extent : Moderate	, Area Ą	ffected : 10%		. ,	
Ceilings								
AcousTileSusp.Lay-In	Broken/Ma Location	: 1st, 2nd				5	\$500	
		nscoloring, : Through	Extent : Moderate out	e, Area A	ffected : 50%			
Embossed Metal	Paint Peel	Now ling, Extent : Through	\$19,900 : Moderate, Area . out	LIFE Affected	* * : 50%	5	\$3,700	
	Location	: Third Flo	xtent : Moderate, A oor Locker Room iged Ceiling Panel		ected : 5%			
ite Enclosure	Елріана	uon . Dama	igea Cening Fanei	i)				
Fence/Gates								
Iron Picket	100%			2044	* *			
Site Pavements	10070							

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13035

Architecture		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estima (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	\$400	2037	* *			
	Cracking/C	Crumbling, Extent	: Light, Are	a Affecte	ed : 5%			
	Location	: Throughout						
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2050	* *	5		
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Basement					
=	Explanat	ion : Not Accessible					
Raceway	000/		2050	* *			
Conduit	80%	0.0	2050		1		
Conduit	20%	0-2 \$700	2024	\$6,800	1		
		Extent : Moderate, Area Aff	ected : 10	%			
		: Throughout	1.00	1 2007			
		ed Life, Extent : Moderate, A	Area Affec	ted : 20%			
	Location	: Throughout					
Panelboards	500/		2040	* *	_	0100	
Molded Case Bkrs	50%		2040		5	\$100	
Molded Case Bkrs	50%		2023	\$21,000	5	\$100	
		quipment, Extent : Moderat : First Floor	e, Area A <u>j</u>	Jectea : 30%			
Wiring							
Thermoplastic	100%		2044	* *	1		
Motor Controllers							
Locally Mounted	100%		2029	* *	5		
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	: Basement					
	Explanat	ion : Water Main					
ghting							
Interior Lighting							
Fluorescent	90%		2029	* *	10	\$4,300	
	-	And Fixtures, Extent: Mode: Throughout	erate, Are	a Affected : 90%			
Fluorescent	10%		2019	\$1,600	10	\$500	
	-	s And Fixtures, Extent : Mod : Basement	derate, Ar	. ,	-		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13035

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting				
Exterior Lighting				
HID	100%	2024 \$21,600	10	

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		
Conversion Equipment							
Steam Boiler	100%		2041	* *	1	\$5,200	
		ervation, Extent : Light, Area	Affected	! : 100%			
		: Basement					
	Explana	tion : One Unit					
Distribution							
Central Plant Steam	100%		2034	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	90%		2029	* *	1	\$1,500	
Unit Heater - Steam	10%		2024	\$1,900	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Window/Wall Unit	40%		2019	\$4,500	1		
No Component	60%						
Ventilation							
Exhaust Fans							
Interior	100%		2024	\$19,100	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2019	\$3,300	2	\$100	
	Other Obs	ervation, Extent : Light, Area	Affected	! : 100%			
	Location	: Basement					
	Explana	tion : 2 - 74 Gallon Unit					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Fire Suppression	· · · · · · · · · · · · · · · · · · ·						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 47

Asset #: 13035

Mechanical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Chemical System						
Wet	10%	2022	\$200	1-3	\$500	
	Other Observation, Extent : Light, A	rea Affected : 100	0%			
	Location : Kitchen					
	Explanation: Ansul-102					
No Component	80%					
Generic	10%	2022	\$200	1-3	\$400	
	Other Observation, Extent : Light, A	rea Affected : 100	0%		1-3 \$400	
	Location : Throughout					
	Explanation: Fire Extinguishers					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Address : 2417 WEBSTER AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 11,300 Project Type : FIRE DEPARTMENT

Date of Survey : 04-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 3025 Lot : 25 BIN : 2011061

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$90,900	
Electrical		\$141,500
Mechanical	\$17,300	
Total	\$108,200	\$141,500
Importance Code A	\$90,900	
Importance Code B	\$17,300	\$141,500
Total	\$108,200	\$141,500

EVERNAE	EV 0040	EV 0000	EV/ 0004	E\/ 0000
		· · · · · · · · · · · · · · · · · · ·		,

\$5,700			
\$58,900	\$5,500	\$3,000	\$19,200
\$62,500	\$900	\$600	\$4,000
\$127,100	\$6,400	\$3,500	\$23,200
\$12,200	\$2,200	\$1,700	\$9,200
\$10,300	\$2,600	\$1,400	\$8,300
\$42,700	\$1,300	\$400	\$2,300
\$61,900	\$300		\$3,300
FY 2019	FY 2020	FY 2021	FY 2022
	\$61,900 \$42,700 \$10,300 \$12,200 \$127,100 \$62,500 \$58,900	\$61,900 \$300 \$42,700 \$1,300 \$10,300 \$2,600 \$12,200 \$2,200 \$127,100 \$6,400 \$62,500 \$900 \$58,900 \$5,500	\$61,900 \$300 \$42,700 \$1,300 \$400 \$10,300 \$2,600 \$1,400 \$12,200 \$2,200 \$1,700 \$127,100 \$6,400 \$3,500 \$62,500 \$900 \$600 \$58,900 \$55,500 \$3,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13036

% of Fail Date Total (Years) 10% 0-2 sposed Reinforcement Location: Various Location: Lower Sto 5% 0-2 perrosion/Rusting, Ext Location: Street Fact pose/Miss Fasteners, Location: Street Fact	\$21,900 Moderate, Area ry \$700 tent : Moderate, A	LIFE ate, Area LIFE Affected:	* *	Cycle (Yrs) 5	\$9,700 \$14,500	Priorit
sposed Reinforcement Location: Various Location: Various Location: Extent: Location: Lower Sto 5% 0-2 Parrosion/Rusting, Ext Location: Street Factorse/Miss Fasteners,	t, Extent : Moder ocations \$21,900 Moderate, Area ry \$700 tent : Moderate, A	LIFE Affected:	** 15%			
sposed Reinforcement Location: Various Location: Various Location: Extent: Location: Lower Sto 5% 0-2 Parrosion/Rusting, Ext Location: Street Factorse/Miss Fasteners,	t, Extent : Moder ocations \$21,900 Moderate, Area ry \$700 tent : Moderate, A	LIFE Affected:	** 15%			
Florescence, Extent: Location: Lower Sto 5% 0-2 Deprosion/Rusting, Ext Location: Street Factors/Miss Fasteners,	Moderate, Area ry \$700 tent : Moderate, A	Affected : 2037	15%	5	\$14,500	
orrosion/Rusting, Ext Location : Street Fac pose/Miss Fasteners,	tent : Moderate, A cade		* *			
				5	\$1,800	
10%		2032	* *	5	\$6,100	
Location: Bunk Roon ardware Missing, Ex Location: Bunk Roon ther Observation, Ex Location: Throughou	m, Kitchen , Extent : Severe, m, Kitchen tent : Moderate, 1 m tent : Light, Area ut	Area Affe Area Affec Affected :	ected : 10% cted : 15%	5	\$800	
3%		2030	* *	10	\$300	
90% 10%		LIFE 2047	* *	5 5	\$1,400 \$600	
Location : Throughor rains Inad/Misposn, A Location : Main Rooj onding, Extent : Mod Location : Main Rooj	ut Extent : Severe, A f erate, Area Affec f	rea Affect				
Learn	cation: Bunk Room dware Missing, Ex dware Missing, Ex dware Missing, Ex exation: Bunk Room er Observation, Ex decation: Throughout splanation: Protect 3% 90% 10% Now ters, Extent: Mode decation: Throughout ins Inad/Misposn, decation: Main Room ding, Extent: Mod decation: Main Room ms Open/Split, Extent	cation: Bunk Room, Kitchen dware Missing, Extent: Moderate, A cation: Bunk Room er Observation, Extent: Light, Area cation: Throughout cplanation: Protective Metal Grilles 3% 90% 10% 100% Now \$18,200 ters, Extent: Moderate, Area Affecte cation: Throughout ins Inad/Misposn, Extent: Severe, A cation: Main Roof ding, Extent: Moderate, Area Affecte cation: Main Roof	cation: Bunk Room, Kitchen dware Missing, Extent: Moderate, Area Affect cation: Bunk Room er Observation, Extent: Light, Area Affected ocation: Throughout explanation: Protective Metal Grilles 3% 2030 90% LIFE 10% 2047 100% Now \$18,200 2022 ters, Extent: Moderate, Area Affected: 20% ocation: Throughout ins Inad/Misposn, Extent: Severe, Area Affected ocation: Main Roof ding, Extent: Moderate, Area Affected: 25% ocation: Main Roof ms Open/Split, Extent: Moderate, Area Affected ms Open/Split, Extent: Moderate, Area Affected	dware Missing, Extent: Moderate, Area Affected: 15% ocation: Bunk Room er Observation, Extent: Light, Area Affected: 100% ocation: Throughout explanation: Protective Metal Grilles 3% 2030 ** 90% LIFE ** 10% 2047 ** 100% Now \$18,200 2022 \$90,900 ters, Extent: Moderate, Area Affected: 20% ocation: Throughout ins Inad/Misposn, Extent: Severe, Area Affected: 20% ocation: Main Roof ding, Extent: Moderate, Area Affected: 25% ocation: Main Roof ms Open/Split, Extent: Moderate, Area Affected: 25% ocation: Main Roof ms Open/Split, Extent: Moderate, Area Affected: 25%	cation: Bunk Room, Kitchen dware Missing, Extent: Moderate, Area Affected: 15% cation: Bunk Room er Observation, Extent: Light, Area Affected: 100% cation: Throughout cplanation: Protective Metal Grilles 3% 2030 ** 10 90% LIFE ** 5 10% 2047 ** 5 100% Now \$18,200 2022 \$90,900 ters, Extent: Moderate, Area Affected: 20% cocation: Throughout ins Inad/Misposn, Extent: Severe, Area Affected: 20% cocation: Main Roof ding, Extent: Moderate, Area Affected: 25% cocation: Main Roof ms Open/Split, Extent: Moderate, Area Affected: 25% cocation: Main Roof ms Open/Split, Extent: Moderate, Area Affected: 25%	cation: Bunk Room, Kitchen dware Missing, Extent: Moderate, Area Affected: 15% cation: Bunk Room er Observation, Extent: Light, Area Affected: 100% cation: Throughout caplanation: Protective Metal Grilles 3% 2030 ** 10 \$300 90% LIFE ** 5 \$1,400 10% Now \$18,200 2022 \$90,900 ters, Extent: Moderate, Area Affected: 20% cation: Throughout ins Inad/Misposn, Extent: Severe, Area Affected: 20% cocation: Main Roof ding, Extent: Moderate, Area Affected: 25% cocation: Main Roof ms Open/Split, Extent: Moderate, Area Affected: 25% composition: Main Roof ms Open/Split, Extent: Moderate, Area Affected: 25%

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13036

Architecture	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors							
Cast in Place Concrete	45% Now Cracking/Crumbling, E Location: Apparatus Paint Peeling, Extent: Location: Throughou Water Penetration, Exte Location: Apparatus Worn/Eroded, Extent:	Floor, Gymnasia Moderate, Area t ent : Moderate, 1 Floor, Gymnasia	um, Kitche Affected : Area Affec um, Kitche	en 30% sted : 20% en Backup Fron	5 1 Storm I	\$16,400 Drain	
	Location: Apparatus	Floor, Gymnasii	um, Kitche	en			
Ceramic Tile	5% Water Penetration, Exte Location : First Floor		2036 Area Affec	* * rted : 15%	5	\$800	
Ceramic Tile	5% Now Recent Installation, Ext Location: 2nd Floor Other Observation, Ext Location: 2nd Floor Explanation: Mold	Bathrooms ent : Moderate, 1	Area Affe	cted : 40%	5	\$400	
Quarry Tile	10%		2040	* *	5	\$2,500	
Sheet Vinyl/Rubber	15%		2032	* *	5	\$3,800	
Vinyl Tile	15% 2-4	\$2,100	2032	* *	3	\$900	
Villyl The	Worn/Eroded, Extent: Location: Second Flo	Light, Area Affe	cted : 50%		3	\$700	
Vinyl Tile	5% Now Worn/Eroded, Extent: Location: Areas Of F			**	3	\$300	
Interior Walls							
Ceramic Tile	5% Now Water Penetration, Extended Location: First Floor		2036 Area Affec	* * rted : 10%	5	\$600	
Ceramic Tile	5% Now Other Observation, Ext Location: Second Flo Explanation: Mold				5	\$600	
Concrete Masonry Unit	30%		LIFE	* *	5	\$2,800	
Gypsum Board	20% Now Paint Peeling, Extent: Location: 2nd Floor		LIFE	**	5	\$2,800	
SGFT/Glazed Masonry	40%		LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13036

Architecture		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%	Now	\$7,400	2040	* *	5	\$4,600	
	Broken/Mis	sing Elements,	Extent : Seve	re, Area	Affected : 10%		ψ1,000	
	Location .	: Second Floor	•					
Exposed Concrete	40%			LIFE	* *	5	\$1,000	
Gypsum Board	5%			LIFE	* *	5	\$1,000	
		sing Elements, : At Roof Hatc			rea Affected : 20%			

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2027	\$4,800	5	\$300	
		ervation, Extent : Moderate, A	Area Affe	ected : 100%			
		: 1st Floor					
	Explana	tion : No Available Nameplate	Ratings	3			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2027	\$48,800	5	\$300	
Raceway							
Conduit	70%		2027	\$21,900	1		
Conduit	30%		2047	* *	1		
Panelboards					_	****	
Molded Case Bkrs	30%		2043	* *	5	\$100	
Molded Case Bkrs	70%		2026	\$26,900	5	\$200	
Wiring							
Thermoplastic	70%		2027	\$19,400	1		
Thermoplastic	30%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2025	\$14,400	5	\$100	
Ground							
Grounding Devices	1000/	0.0		* *	_	#200	
Generic		0-2 \$9,500 servation, Extent : Moderate, 2 s : 1st Floor	LIFE Area Affe		5	\$200	
	Explana	tion : Corroded					
Stand-by Power							
Transfer Switches							
Automatic	100%		2040	* *	1	\$3,500	
Generators							
Diesel	100%		2023	\$65,700	1	\$4,400	
		ervation, Extent : Moderate, A	Area Affe	ected : 100%			
		: Basement					
	Explana	tion : Emergency Generator R	ated @	17.5 Kw			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13036

Electrical	Current Rep	air Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Batteries						
Lead/Acid	100%	2020	\$1,500	5	\$400	
Fuel Storage						
Day Tank	50%	2026	\$400	5	\$1,000	
	Other Observation, Exte	nt : Moderate, Area Aff	ected : 100%			
	Location: Basement					
	Explanation: 30 Gallo	ns Rated Capacity				
Main Tank	50%	2030	* *	5	\$200	
	Other Observation, Exte	nt : Moderate, Area Aff	ected : 100%			
	Location: Basement					
	Explanation: No Avail	able Nameplate Rating	Capacity			
Lighting						
Interior Lighting						
Fluorescent	70%	2032	* *	10	\$7,300	
	T-8 Lamps And Fixtures,	Extent: Moderate, Are	ea Affected : 100%			
	Location: Throughout	The Building				
LED	30%	2035	* *			
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$1,400	
Exit, LED	50%	2062	* *	1	·	
Exterior Lighting						
HID	20%	2027	\$8,500	10		
No Component	80%					

lechanical	Current Re	Current Repair		e Replacement	M		
vstem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment				•			•
Hot Water Boiler	100%		2044	* *	1	\$5,600	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Boiler Roc	om					
	Explanation: 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100% Now	\$800	2035	* *	4	\$600	
	Malfunctioning, Extent	: Moderate, Are	a Affecte	d : 10%			
	Location: Temperatu	re Controler					
Terminal Devices							
Convector/Radiator	60% Now	\$1,700	2032	* *	1	\$2,000	
	Damaged, Extent : Sev		d : 5%				
	Location : 2nd Floor	Tv Room					
Unit Heater - Steam	40%		2032	* *	4	\$600	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13036

Mechanical	Current Repair	Future F	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2035	* *	1		
Conversion Equipment						
Split Unit	40%	2032	* *			
	Other Observation, Extent : Light, Area	a Affected : 4	10%			
	Location: Roof					
	Explanation: 5 Units. R-410a					
Split Unit	5%	2022	\$11,300			
	R-22 Refrigerant, Extent : Light, Area	Affected: 5%	ó			
	Location : 1 Unit. Roof					
Window/Wall Unit	15%	2022	\$3,300	1		
No Component	40%					
Terminal Devices						
Fan Coil - 2 Pipe	40%	2032	* *	1	\$1,500	
Fan Coil - 2 Pipe	5%	2022	\$6,000	1	\$200	
No Component	55%					
Heat Rejection						
Dry Cooler	40%	2032	* *	2	\$3,200	
Dry Cooler	5%	2022	\$1,700	2	\$400	
No Component	55%					
Ventilation						
Distribution			de de			
Ductwork/Diffusers	40% Now \$3,900 Other Observation, Extent: Severe, Ar Location: 2nd Floor			2-5	\$2,500	
	Explanation: Air Circulation Is Very	Poor In 2nd	Floor Specially	The Sta	y Room.	
No Component	60%					
Exhaust Fans						
Roof	25%	2035	* *	2	\$100	
Roof	25% Now \$400 Not in Service, Extent : Severe, Area Aj Location : Roof	2027 ffected : 10%	\$4,400	2	\$100	
No Component	50%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						-
Gas Fired	100%	2025	\$6,400	2	\$200	
	Other Observation, Extent : Light, Area Location : 2nd Floor	a Affected : 1	100%			
G '' B' '	Explanation: 2-75 Gallon Units					
Sanitary Piping Cast Iron	100% Now \$3,900 Blockage /Clogged, Extent: Severe, Ar		**	1		
	Location : 1st Floor Operational Are	a				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset #: 13036

Mechanical	Current Repair	Future Rep	lacement	M		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression Sprinkler						
No Component	80%					
Generic	20%	2037	* *	1-2	\$600	
	Other Observation, Extent : Lig	ht, Area Affected : 20%	ó			
	Location : 2nd Floor					
	Explanation: Partial System	Serves Command Cente	r And Corri	dors		
Chemical System						
Generic	100%	2022	\$1,900	1-3	\$4,000	
	Other Observation, Extent : Lig	ht, Area Affected : 100	%			
	Location: Kitchen					
	Explanation: 1 Set					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 5

Address : 340 EAST 14th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,727 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 455 Lot : 28 BIN : 1006520

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

Total



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13004

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Under Construction	100%							
Windows								
Under Construction	100%							
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Under Construction	100%							
Interior Walls								
Under Construction	100%							
Ceilings				·		·		
Under Construction	100%							

Electrical		Current R	epair	Futui	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts								
Service Equipment								
Under Construction	100%							
Transformers								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Feeders								
Under Construction	100%							
Raceway								
Under Construction	100%							
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Transformers								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Under Construction	100%							
Panelboards								
Under Construction	100%							
Wiring								
Under Construction	100%							
Motor Controllers								
Under Construction	100%							
Ground								

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 5

Asset #: 13004

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground							
Grounding Devices							
Under Construction	100%						
Stand-by Power							
Transfer Switches							
Under Construction	100%						
Generators							
Under Construction	100%						
Batteries							
Under Construction	100%						
Fuel Storage							
Under Construction	100%						
Lighting							
Interior Lighting							
Under Construction	100%						
Egress Lighting							
Under Construction	100%						
Exterior Lighting							
Under Construction	100%						
Lightning Protection							
Arresters/Cabling							
Under Construction	100%						
Alarm							
Security System							
Under Construction	100%						
Fire/Smoke Detection							
Under Construction	100%						

Mechanical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Under Construction	100%							
Air Conditioning								
Energy Source								
Under Construction	100%							
Conversion Equipment	•	•				•		
Under Construction	100%							
Distribution	•	•			_	•		
Under Construction	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13004

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Under Construction	100%							
Heat Rejection								_
Under Construction	100%							
Ventilation								
Distribution	1000/							
Under Construction	100%							
Exhaust Fans	100%							
Under Construction	100%							
Plumbing H/C Water Piping								
Under Construction	100%							
Water Heater	10070							
Under Construction	100%							
HW Heat Exchanger	10070							
Under Construction	100%							
Sanitary Piping								-
Under Construction	100%							
Storm Drain Piping								
Under Construction	100%							
Sump Pump(s)								
Under Construction	100%							
Pool Filter/Treatment								
Under Construction	100%							
Sewage Ejector(s)								_
Under Construction	100%							
Backflow Preventer								
Under Construction	100%							
Fixtures	10001							
Under Construction	100%							
Vertical Transport								
Elevators Under Construction	100%							
Escalators	10070							
Under Construction	100%							
Fire Suppression	100/0							
Standpipe								
Under Construction	100%							
Sprinkler								
Under Construction	100%							
Fire Pump								
Under Construction	100%							
Chemical System								
Under Construction	100%							<u></u>

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 50/LADDER CO. 19
Address : 1155 WASHINGTON AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.050 / 13037 Yr Built/Renovated : 1975 /

Area Sq Ft : 11,344 Project Type : FIRE DEPARTMENT

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2388 Lot : 45 BIN : 2001584

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$45,300	
Interior Architecture		\$21,400
Electrical		\$131,800
Mechanical	\$47,700	
Total	\$93,000	\$153,200
Importance Code A	\$45,300	
Importance Code B	\$47,700	\$153,200
Total	\$93,000	\$153,200

Exterior Architecture	\$18,500			\$4,400
Interior Architecture	\$42,400	\$600		\$1,600
Electrical	\$11,800	\$2,700	\$1,400	\$25,100
Mechanical	\$29,600	\$1,400	\$2,000	\$14,000
Total	\$102,400	\$4,700	\$3,400	\$45,100
Importance Code A	\$19,100	\$600	\$600	\$5,100
Importance Code B	\$83,300	\$3,900	\$2,800	\$40,000
Importance Code C		\$300		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13037

Architecture	Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior							
Exterior Walls	000/ 0.2	0.45.200		* *	_	Ø15.100	
Masonry: Brick	80% 0-2	\$45,300	LIFE		5	\$15,100	
	Vegetation Growth, Exte Location : Corner At K						
Metal Sect. OHD	15%		2032	* *	5	\$8,800	
Pre-Cast Concrete	5% Now	\$3,100	LIFE	* *	5	\$3,100	
	Spalling, Extent : Moder Location : Above Hous		ted : 15%				
Windows							
Aluminum	100% Now	\$1,100	2035	* *	5	\$300	
	Broken/Missing Element.			ea Affected : 50%			
	Location : Basement A	nd At House We	atch				
Parapets							
Masonry: Brick	90%		LIFE	* *	5	\$1,600	
Pre-Cast Concrete	10% Now	\$600	LIFE	**	5	\$1,100	
	Exposed Reinforcement, Location: Coping	Extent : Moder	ate, Area	Affected: 10%			
	Caulking Deteriorated, E Location : Coping Join		ite, Area	Affected : 20%			
Roof							
Modified Bitumen	75% Now	\$9,200	2032	* *			
	Alligatoring, Extent: Mo	-	ffected : .	30%			
	Location: Throughout						
	Blisters, Extent: Modera		ed : 25%				
	Location: Throughout						
	Seams Open/Split, Exten			ted : 15%			
	Location : Various Loc	ations Through	out				
Modified Bitumen	25% Now	\$4,600	2032	* *			
	Ridging, Extent : Moderd Location : Throughout		ed : 25%				
	Seams Open/Split, Exten	t : Moderate, A	rea Affec	ted : 20%			
	Location: Various Loc	ations Through	out				
	Vegetation Growth, Exte Location : Lower Roof	nt : Severe, Are	a Affecte	d : 30%			

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13037

Architecture	Current Rep	oair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors	500/ NI	¢17.400	LIEE	* *	-	¢10 400	
Cast in Place Concrete	50% Now Cracking/Crumbling, Ext Location: Apparatus I Misaligned/Bulging, Ext Location: Apron At Al Worn/Eroded, Extent: M Location: Throughout	Floor tent : Moderate, pparatus Floor Moderate, Area .	Area Aff Affected :	fected : 20% ected : 15%	5	\$18,400	
Ceramic Tile	10% Now Drains Inad/Misposn, E. Location: Shower/ Lo Recent Replace Evident, Location: 2nd Floor Other Observation, Exte Location: 2nd Floor S Explanation: Poor Qu	cker Room Extent : Light, ent : Severe, Are Showers	Area Affe	ected : 50% d : 50%	5	\$800	
Quarry Tile	10%		2032	* *	5	\$2,500	
Vinyl Tile	Broken/Missing Element Location: First Floor Worn/Eroded, Extent: S Location: Stairwell And 15% Recent Replace Evident,	Severe, Area Affo and First Floor	2035)% **	3	\$900	
T	Location : 2nd Floor						
Interior Walls Ceramic Tile	5%		2030	* *	5	\$300	
Ceramic Tile	5%		2040	* *	5	\$300 \$300	
Ceranic The	Recent Replace Evident, Location: 2nd Floor S		Area Affe	ected : 100%	3	\$300	
Concrete Masonry Unit	60%		LIFE	* *	5	\$1,500	
Plaster	10%		LIFE	* *	5	\$200	
SGFT/Glazed Masonry	20%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	55% 4+ Staining/Discoloring, Ex Location: Kitchen Are		2040 e, Area A <u>f</u>	* * fected : 20%	5	\$4,600	
Exposed Concrete	15%		LIFE	* *	5	\$400	
Gypsum Board	30% 4+ Worn/Eroded, Extent : M Location : Apparatus I		LIFE Affected :	* *	5	\$6,300	

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13037

Electrical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$300	
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation : No Nameplate Ratings A	Available	?			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$48,800	5	\$300	
Raceway						
Conduit	100%	2027	\$31,300	1		
Panelboards						
Fused Disc Sw	5%	2026	\$1,900	5		
Molded Case Bkrs	50%	2035	* *	5	\$200	
Molded Case Bkrs	45%	2026	\$17,300	5	\$100	
Wiring						
Thermoplastic	100%	2027	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100% 0-2 \$9,500	LIFE	* *	5	\$200	
	Other Observation, Extent : Severe, Are	a Affecte	ed : 100%			
	Location: Basement					
	Explanation: Corroded					
Stand-by Power						
Transfer Switches						
Automatic	100%	2025	\$4,800	1	\$3,500	
Generators						
Diesel	100%	2023	\$65,700	1	\$4,400	
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Basement					
	Explanation : Emergency Generator R	Rated @	17.5kw			
Batteries						
Lead/Acid	100%	2020	\$1,500	5	\$400	
Fuel Storage						
Day Tank	50%	2026	\$400	5	\$1,100	
•	Other Observation, Extent: Moderate, A					
	Location: Basement					
	Explanation: 10 Gallons Rated Capac	city				
Main Tank	50%	2030	* *	5	\$200	
Transit Twitt	Other Observation, Extent: Moderate, A		ected : 100%	-	Ψ 2 00	
	Location: Basement					
	Explanation: 275 Gallons Rated Capa	acity				
Lighting	2. prantation : 275 Ganons Raica Capt					

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13037

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	95%		2032	* *	10	\$9,900	
	T-8 Lamps And Fixt	ures, Extent : Mode	rate, Are	a Affected : 100%			
	Location: Throug	hout The Building					
Fluorescent	5% Now	\$1,500	2037	* *			
	Not in Service, Exte	nt : Moderate, Area	Affected	: 100%			
	Location : Throug	hout The Building					
Egress Lighting							
Emergency, Service	100%		2022	\$5,600	1		
Exterior Lighting							
HID	20%		2022	\$8,600	10		
No Component	80%						

Mechanical	Current Repair		Future Replacement		M		
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$5,600	
Distribution							
Hot Wtr Piping/Pump	100%		2035	* *	4	\$800	
	Other Observation, Ext Location : Throughou		Area Affe	cted : 100%			
	Explanation: There I.		stat In Th	e Building			
Terminal Devices	1						
Convector/Radiator	70%		2032	* *	1	\$2,600	
Fan Coil Unit/Heat	30%		2022	\$47,700	1	\$1,100	
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment							
Exterior Pkg Unit - Cooling	20%		2035	* *	2	\$100	
coomig	Other Observation, Ext	ent : Light, Area	Affected	: 20%			
	Location: Roof	· ·					
	Explanation: 1 Unit.	R-410a					
Split Unit	10% 0-2	\$22,600	2037	* *			
-F	Other Observation, Ext	. ,		d: 10%			
	Location : Roof		33				
	Explanation : 2 Units	Are On Extend V	Working 1	Life Time. R-22			
Window/Wall Unit	30%		2022	\$6,600	1		
No Component	40%			+ - , , , ,			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13037

Mechanical	Current Re	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Heat Rejection							
Dry Cooler	10%		2022	\$3,500	2	\$800	
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	70%		LIFE	* *	2-5	\$4,400	
No Component	30%						
Exhaust Fans							
Roof	50% Now	\$900	2032	* *	2	\$100	
	Not in Service, Extent.	: Severe, Area Afj	fected : 2	5%			
	Location: Roof						
No Component	50%						
1	Other Observation, Ex	tent : Light, Area	Affected	: 0%			
	Location:	g .	00				
	Explanation : Lack C	of Air Circulation	In 2nd F	Tloor And The Bath	n Room		
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2037	* *	1		
Water Heater							
Gas Fired	100%		2025	\$6,500	2	\$200	
	Other Observation, Ex	tent : Light, Area		·	_	\$	
	Location : Basement	0 /	33				
	Explanation: 2 - 75	Gallon Units					
Sanitary Piping	Emplantament 2 70	Sunon Cinis					
Cast Iron	100% Now	\$3,900	LIFE	* *	1		
Cast Iron	Blockage /Clogged, Ex			od · 10%	1		
	Location : Basement		a rijjeere	. 1070			
Storm Drain Piping	Zoedinon i Zasemeni	1110 101 1007					
Cast Iron	100%		LIFE	* *	1		
N	10070		LIFE		1		
Sump Pump(s) Non-Submersible	100%		2027	\$1,600	4	\$400	
	10070		2021	\$1,000	+	\$ 4 00	
Fixtures	100%						
Generic	10070						
Fire Suppression							
Sprinkler	900/						
No Component	80%		2027	* *	1.2	0.00	
Generic	20%		2037	* *	1-2	\$600	
Chemical System	1000/		2025	42 100	1.0	0.4.6 00	
Wet	100%		2022	\$2,100	1-3	\$4,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 52 / LADDER CO. 52 Address : 4550 HENRY HUDSON PARKWAY

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 7,326 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2

Block : 5813 Lot : 123 BIN : 2084327

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$54,800
Total		\$54,800
Importance Code A		\$54,800
Total		\$54,800

Electrical	\$75,600	\$100		\$1,700
Mechanical Site Enclosure	\$6,900 \$1,400	\$1,200	\$1,900	\$34,400
Total	\$126,400	\$5,700	\$2,700	\$36,600
Importance Code A	\$43,200	\$5,100	\$700	\$800
I C - J - D	\$40,900	\$600	\$1,700	\$35,800
Importance Code B				
Importance Code B Importance Code C	\$42,300		\$200	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13038

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%		\$12,500	LIFE	* *	5	\$20,800	
			: Moderate, Area	Affected	: 5%			
	Location	: Through	out					
Masonry: Brick	30%			LIFE	* *	5	\$10,400	
Masonry: Limestone	5%			LIFE	* *	5	\$1,300	
Wood Overhead Doors	5%			2025	\$54,800	5	\$8,700	
Windows								
Aluminum		Now	\$11,900	2043	* *	5	\$1,400	
		_	xtent : Moderate, A					
			Lintels At 2nd Flo					
			xtent : Severe, Are		d : 15%			
-	Location	: 2nd Floo	or At Shower Room	!				
Parapets	50 /			TIPE	* *	-		
Masonry: Brick	5%			LIFE	**	5		
Masonry: Limestone	95%	E	1.4 A A CC 4 1 .	LIFE	* *	5		
			ht, Area Affected : Facade At Cornic					
D £	Locuitor	i . Leji siue	racaae Ai Cornic	<u>e</u>				
Roof Copper/Terne	90%	4+	\$18,000	2055	* *			
Copper/Terrie			ings, Extent : Mod		ea Affected : 1%			
		_	Floor Front Bay V		eu nyjecieu . 170			
			xtent : Moderate, A		cted: 5%			
					ng Roof Have Wate	er Damas	ee	
Roll Roofing	10%			2023	\$4,800	5	\$2,000	
nterior	1070			2023	ψ1,000		Ψ2,000	
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$13,100	
Ceramic Tile	9%			2036	* *	5	\$1,100	
Quarry Tile	1%			2040	* *	5	\$200	
Terrazzo	5%	4+	\$2,800	LIFE	* *	5	\$500	
	Cracking/	Crumbling,	Extent: Light, Are	ea Affecto	ed : 10%			
	Location	: Cracks I	n Bathroom Floor					
Vinyl Tile	25%	0-2	\$10,200	2032	* *	3	\$1,100	
-	Worn/Ero	ded, Extent	: Severe, Area Aff		0%		-	
	Location	: 2nd Floo	or Throughout					
Vinyl Tile 9" X 9"	10%	2-4	\$13,200	2037	* *	3	\$500	
,			: Moderate, Area		: 100%		,	
		: Second I						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13038

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	Water Per		\$6,300 Extent : Severe, Are Il And Exercise Are					
Ceramic Tile	2%			2036	* *	5	\$400	
Gypsum Board	2%			LIFE	* *	5	\$200	
Masonry: Brick	10%		\$23,100	LIFE	* *	3	\$200	
Masolily. Blick	Paint Peel Location	ling, Extent 1 : Cellar	: Moderate, Area	Affected	: 50%			
	-	Extent : Mo 1 : Cellar	derate, Area Affec	ted : 50%	ó			
Plaster		Extent : Mo	\$800 derate, Area Affect or T. V. Room	LIFE ted : 5%	* *	5	\$300	
Plywood/Hardboard	1%			LIFE	* *			
SGFT/Glazed Masonry	70%		\$10,700	LIFE	* *			
	Location Water Per	n : 2nd Floo netration, E	l, Extent : Moderai or At Stairwell extent : Moderate, A or At Stairwell					
Ceilings						_	*	
AcousTileSusp.Lay-In	_	Discoloring,	\$5,500 Extent : Light, Ard And Throughout	2040 ea Affect	* * ed : 2%	5	\$1,700	
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	Location Water Per	Extent : Mo n : Stairwell netration, E	\$3,000 derate, Area Affect l At 1st Floor Extent : Severe, Are l And Apparatus Ro	a Affecte	* * d : 5%	5	\$2,900	
Site Enclosure								
Fence/Gates Chain link			\$1,400 Extent : Severe, Are	2057 a Affecte	* * d : 60%			
Wood	95%			2025	\$19,600			
Free Standing Walls					-			
Concrete Masonry Unit	100%			2047	* *			
Site Pavements								
Parking/Driveway								
Asphalt	85%			2030	* *			
Cast in Place Concrete	15%			2040	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13038

Electrical	Current Repair	Future R	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent : Light, Are Location : Basement Explanation : 400 Amp	2047 a Affected : 1	**	5	\$200	
Switchgear / Switchboard Molded Case Bkrs	100% Other Observation, Extent : Light, Are Location : Basement Explanation : Main Molded Case Cin			5 oard	\$200	
Raceway	1000/	2047	* *			
Conduit Panelboards Molded Case Bkrs	100%	2047	* *	5	\$200	
Wiring Thermoplastic	100%	2047	* *	1		
Motor Controllers Locally Mounted Locally Mounted	50% 50% Aged Component, Extent : Light, Area Location : 1st Floor - Existing Contr			5 5		
Ground Grounding Devices Generic	100%	LIFE	**	5	\$100	
Lighting Interior Lighting LED	100% Recent Installation, Extent : Light, Are Location : Throughout	2032 a Affected : 1	* *			
Egress Lighting Emergency, Battery	80% Other Observation, Extent: Light, Are Location: 1st And 2nd Floors Explanation: Emergency Fixtures A			10	\$1,400	
Emergency, Battery	20% Other Observation, Extent: Light, Are Location: Basement Explanation: Emergency Fixtures Ar	2027 a Affected : 1	\$2,000	10	\$400	
Exterior Lighting HID	100%	2032	* *	10		
Alarm Fire/Smoke Detection No Component Generic, Analog	95% 5% Local/Battery Operated Detect, Extent Location : 2nd Floor	2032 : Light, Area	* * 1 Affected : 100%	1-3	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13038

Mechanical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2047	* *	1		
Conversion Equipment Steam Boiler	100%			2040	* *	1	\$7,300	
Distribution Central Plant Steam	100%	Now	\$5,800	2037	* *	4	\$400	
Piping/Pmp	Location	: Through	Extent : Moderate, A out y Water Hammer	Area Affe	ected : 25%			
Terminal Devices Convector/Radiator	100%			2032	* *	1	\$2,400	
Air Conditioning Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment Window/Wall Unit No Component	80% 20%			2022	\$11,400	1		
Ventilation								
Distribution Ductwork/Diffusers	Location	: Basemer		LIFE Affected	* *	2-5	\$4,100	
F.1F	Explanat	ion : Inclu	des Make-up Air					
Exhaust Fans Interior Roof	90% 10%			2022 2027	\$21,900 \$1,100	2 2	\$200	
Plumbing					4-,			
H/C Water Piping Brass/Copper	100%			2047	* *	1		
Water Heater Gas Fired	Other Obs	Now ervation, E : Basemer	\$100 Extent : Light, Area nt	2026 Affected	\$4,200 *: 100%	2	\$100	
	Explanat	ion : 2 - In	stantanious Units /	204 Gai	llons Per Hour Eac	ch - Rece	nt Install	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	Location	: 1st Floo				1		
Sump Pump(s) Submersible	Explanat	ion : Repo	rt Of Backup Every	3 Mont 2021	\$200	4	\$200	
Sewage Ejector(s) Electric	100%			2021	**	4	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 52 / LADDER CO. 52

Asset #: 13038

Mechanical	Current Repair	Future Replacement	М		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Plumbing					
Backflow Preventer					
Generic	100%	2032 **	1	\$500	
	Other Observation, Extent : Light, Area	Affected: 100%			
	Location : 1st Floor				
	Explanation: Piped Up From Baseme	ent			
Fixtures					
Generic	100%				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 53 (COMBINED FACILITY)

Address : 1836 THIRD AVENUE

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 10,648 Project Type : FIRE DEPARTMENT

Date of Survey : 13-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1629 Lot : 40 BIN : 1051850

CAPITAL	F	Y 2019 - 2022		FY 2023 - 2028
Exterior Architecture		\$71,100		\$52,500
Total		\$71,100		\$52,500
Importance Code A		\$71,100		\$52,500
Total		\$71,100		\$52,500
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,200	\$2,800		
Interior Architecture	¢12 200	\$1.600	\$600	

Total	\$27,600	\$10,700	\$1,800	\$31,700
Importance Code C			\$500	
Importance Code B	\$17,400	\$8,000	\$1,200	\$31,700
Importance Code A	\$10,200	\$2,800		
Total	\$27,600	\$10,700	\$1,800	\$31,700
Mechanical	\$4,100	\$6,400	\$1,000	\$31,700
Electrical			\$100	
Interior Architecture	\$13,300	\$1,600	\$600	
Exterior Architecture	\$10,200	\$2,800		
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 53 (COMBINED FACILITY)

Asset #: 13039

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•							
Exterior Walls								
Masonry: Brick	78%			LIFE	* *	5	\$8,600	
Masonry: Granite	2%			LIFE	* *	5	\$200	
Masonry: Sandstone		Now	\$8,500	LIFE	* *	5	\$800	
		ded, Extent a : Street Fo	t : Moderate, Area : acade	Affected	: 25%			
Wood Overhead Doors	10%			2040	* *	5	\$5,500	
Windows								
Aluminum	Other Obs Location	: Through	\$71,100 Extent : Severe, Are out lows Are Very Old,			5 v Inopera	\$900 able, Broken Or	
	Missing.							
Parapets	150/			LIEE	* *	_	#2 100	
Cast Stone/Terra Cotta	15% 85%	0-2	\$1,800	LIFE LIFE	* *	5 5	\$2,100	
Masonry: Brick	Jnt Morta		d, Extent : Light, A			3	\$1,500	
Roof								
Roll Roofing		esent, Exte	nt : Light, Area Aff nd Main Roofs	2028 ected : 1	\$52,500 0%	5	\$21,200	
nterior								
Floors Cast in Place Concrete	450/			LIEE	* *	_	¢15 700	
Cast in Place Concrete Ceramic Tile	45% 5%	Now	\$800	LIFE 2036	* *	5 5	\$15,700 \$400	
Ceramic The	Broken/M		nents, Extent : Mod		rea Affected : 10%	3	\$400	
Quarry Tile	5%			2040	* *	5	\$1,200	
Vinyl Tile	5%			2027	\$6,800	3	\$300	
Under Construction	40%							
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$1,100	
Concrete Masonry Unit	10%			LIFE	* *	5	\$900	
Gypsum Board	5%			LIFE	* *	5	\$600	
Plaster	15%			LIFE	* *	5	\$1,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Under Construction	40%							
O : 11:								
Ceilings	100/			2040	* *	5	\$2,000	
AcousTileConcealSpLn						_		
e e	50%	4+	\$12,600	LIFE	* *	5	\$1,200	
AcousTileConcealSpLn	50% Paint Pee	4+	t : Moderate, Area			5	\$1,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 53 (COMBINED FACILITY)

Asset #: 13039

Electrical	Cui	Current Repair		Future Replacement		Maintenance	
System Component Type	, , , , , , , , , , , , , , , , , , , ,	Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	90%		2037	* *	1		
Under Construction	10%						
Panelboards							
Molded Case Bkrs	90%		2026	\$34,600	5	\$300	
Under Construction	10%						
Wiring							
Thermoplastic	90%		2027	\$24,900	1		
Under Construction	10%						
Lighting							
Interior Lighting							
Fluorescent	90%		2027	\$26,000	10	\$8,800	
	T-8 Lamps And	Fixtures, Extent: Moder	rate, Are	a Affected : 100%			
	Location: Th	roughout The Building					
Under Construction	10%						
Exterior Lighting							
HID	10%		2027	\$4,000	10		
No Component	90%						

Mechanical	Current Repair	Future Replac	ement	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimat	ted Cost Cycle (Yrs)	e Estimated Cost	Priority
Heating					
Energy Source					
Not Accessible	100%				
	Other Observation, Extent : Lig	ht, Area Affected : 0%			
	Location:				
	Explanation: The Heating Soci	urce (Hot Water) Is From	Adjacent Buildir	g (Police Station)	
Conversion Equipment					
Not Accessible	100%				
	Other Observation, Extent : Lig	ht, Area Affected : 0%			
	Location:				
	Explanation: The Heating Soci	urce (Hot Water) Is From	Adjacent Buildir	g (Police Station)	
Distribution					
Hot Wtr Piping/Pump	100%	2035	** 4	\$800	
Terminal Devices					
Convector/Radiator	40%	2032	** 1	\$1,400	
Unit Heater - Steam	40%	2022	\$14,200 4	\$400	
No Component	20%				
Air Conditioning					
Energy Source					
Electricity	100%	2035	** 1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 53 (COMBINED FACILITY)

Asset #: 13039

Mechanical	Current Repair Future Replacement Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment						
Window/Wall Unit	30%	2020	\$6,200	1		
No Component	40%					
Not Accessible	30%					
	Other Observation, Extent : Light, Area	a Affected : 0%				
	Location:					
	Explanation : Ac Comes From The Ac	djacent Building (P	olice Sta	tion)		
Terminal Devices	- 00/					
No Component	70%					
Not Accessible	30%					
	Other Observation, Extent : Light, Area	a Affected : 0%				
	Location:					
	Explanation : Ac Comes From The Ac	djacent Building (P	olice Sta	tion)		
Heat Rejection	700/					
No Component	70%					
Not Accessible	30%	1.00/				
	Other Observation, Extent : Light, Area	a Affected : 0%				
	Location:		11 G			
T7 (1) (1)	Explanation : Ac Comes From The Ac	djacent Building (P	olice Sta	tion)		
Ventilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,900	
Exhaust Fans	10070	LIFE		2-3	\$3,900	
Roof	50%	2022	\$8,300	2	\$200	
Roof	10%	2022	\$6,300 * *	2 2	\$200	
Kooi	Recent Replace Evident, Extent : Light,			2		
	Location: Roof	Area Ajjeciea . 10	/0			
No Common ant						
No Component	40%					
Plumbing						
H/C Water Piping	100%	2037	* *	1		
Brass/Copper	10076	2037		1		
Water Heater Electric	100%	2022	¢0 000	4	\$100	
Electric	Other Observation, Extent : Light, Area		\$8,800	4	\$100	
	Location: 1st Floor	i Ajjecieu . 100/0				
Canitage Dining	Explanation: 2 - 120 Gallon Units					
Sanitary Piping Cast Iron	100% Now \$3,600	LIFE	* *	1		
Cast Holl	Blockage /Clogged, Extent: Moderate,			1		
	Location: 1st Floor Operational Area		/ 0			
Storm Drain Dining	Locusion . 1st 1 toot Operational Area					
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
	100 / 0	LIFE		1		
Backflow Preventer Not Accessible	100%					
	10070					
Fixtures Under Construction	100%					
Under Construction	100/0					

Fire Suppression

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 53 (COMBINED FACILITY)

Asset #: 13039

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression Sprinkler				
No Component	90%			
Generic	10%	2037 **	1-2 \$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 54/LADDER CO 4/ BATTALION 9

Address : 782 EIGHTH AVENUE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.054 / 13044 Yr Built/Renovated : 1974 /

Area Sq Ft : 9,448 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1019 Lot : 61 BIN : 1024767

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$81,900	\$55,300
Interior Architecture	\$45,200	\$41,600
Electrical	\$23,100	\$35,600
Mechanical	\$86,000	\$37,800
Total	\$236,200	\$170,400
Importance Code A	\$150,000	\$55,300
Importance Code B	\$86,200	\$115,100
Total	\$236,200	\$170,400

Total	\$146,200	\$1,400	\$22,600	\$4,600
Importance Code C				\$300
Importance Code B	\$116,500	\$1,000	\$19,800	\$3,900
Importance Code A	\$29,700	\$500	\$2,800	\$500
Total	\$146,200	\$1,400	\$22,600	\$4,600
Mechanical	\$41,800	\$800	\$2,400	\$800
Electrical	\$53,300	\$700	\$15,100	\$2,300
Interior Architecture	\$21,800		\$2,800	\$1,600
Exterior Architecture	\$29,300		\$2,400	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 54/LADDER CO 4/ BATTALION 9

Asset #: 13044

chitecture	Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls			***			_		
Masonry: Brick	Jnt Morta Location	: Through	\$81,900 l, Extent : Severe, A out d, Extent : Severe,			5	\$13,600	
	Location	: Front Ar	d Side Facades					
Metal Sect. OHD	10%			2036	* *	5	\$4,700	
Windows							+ 7:	
Aluminum	80%	2-4	\$7,800	2031	* *	5	\$200	
Aluminum	20%			2039	* *	5	\$100	
	Location	: 2nd Floo	xtent : Light, Area or Battalion Office o Windows Are Vin					
Parapets	ълрини	wit . IIII C	,, maons me vin	, nepiu	cincin tituows			
Masonry: Brick	90%	0-2	\$13,800	LIFE	* *	5	\$1,200	
1/14/2011/1/ 221011			l, Extent : Modera		Affected : 30%	C	¥1, 2 00	
			out Parapet		33			
Masonry: Brownstone		Now	\$2,100	LIFE	* *	5	\$300	
wasomy. Brownstone			Extent : Severe, Ar		ted : 15%	5	Ψ300	
	_		cade Coping Stone					
			d, Extent : Severe,		fected : 50%			
	_	: Through		33				
Roof								
Modified Bitumen	100%	Now	\$5,500	2023	\$55,300			
	Drains Cl	ogged, Exte	nt : Moderate, Are	ea Affecte	ed : 20%			
	Location	: Rear Poi	rtion Of Roof					
	Water Per	etration, E	xtent : Severe, Are	a Affecte	d:5%			
	Location	: Over Lo	cker Room, Kitchei	n And Do	ormitory			
erior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$15,300	
Ceramic Tile	10%			2032	* *	5	\$1,400	
Quarry Tile	5%			2028	\$20,100	5	\$1,100	
Vinyl Tile	35%	Now	\$8,300	2023	\$41,600	3	\$1,800	
	Worn/Ero	ded, Extent	: Light, Area Affec	cted : 309	%			
	Location	: Through	out					
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$500	
Concrete Masonry Unit	47%			LIFE	* *	5	\$2,000	
Gypsum Board	3%			LIFE	* *	5	\$200	
Plaster	10%			LIFE	* *	5	\$300	
			Extent: Light, Are	ea Affect	ed : 5%			
		: Through	out					
SGFT/Glazed Masonry	35%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 54/LADDER CO 4/ BATTALION 9

Asset #: 13044

Architecture	Current Repair		air	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	40%			2021	\$45,200	5	\$5,600	
	Water Pen	etration, Exter	nt : Severe, Area	ı Affecte	d : 5%			
	Location	: Locker Roon	n, Kitchen, Dor	mitory, 1	Engine Office And	Sitting R	oom	
Exposed Concrete	30%	2-4	\$13,500	LIFE	* *	5	\$700	
•	Cracking/	Crumbling, Ex	tent : Light, Are	a Affect	ed : 3%			
	Location	: Southeast C	orner Of Basem	ent				
Plaster	30%			LIFE	* *	5	\$2,600	

Electrical	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts										
Raceway										
Conduit	100%			2023	\$31,300	1				
Panelboards										
Molded Case Bkrs	60%			2022	\$23,100	5	\$200			
		Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Electrical Room									
	Explana	tion : Main	Circuit Breaker 40	00 Amp						
Molded Case Bkrs	40%	2-4	\$15,400	2048	* *	5	\$100			
	On Extended Life, Extent : Moderate, Area Affected : 100%									
	Location	:								
Wiring										
Thermoplastic	100%			2033	* *	1				
Motor Controllers										
Locally Mounted	100%			2021	\$14,400	5	\$100			
Ground										
Grounding Devices										
Generic	100%			LIFE	* *	5	\$100			
Stand-by Power										
Transfer Switches										
Automatic	100%			2036	* *	1	\$2,900			
Generators										
Diesel	100%			2032	* *	1	\$3,700			
	Other Observation, Extent: Light, Area Affected: 100%									
	Location : Side Yard									
	Explana	tion : Equip	ped With 75 Gallo	n Belly I	Day Tank					
Batteries										
Lead/Acid	100%			2019	\$1,500	5	\$400			
Fuel Storage					, j- j-		, .,			
Day Tank	100%			2022	\$700	5	\$1,800			
J	Other Observation, Extent: Light, Area Affected: 100%									
	Location: Inside House 1st Floor									
	Explana	tion : 1,000	Gallon Undergro	und Oil T	Tank					
Lighting	···	,	3							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 54/LADDER CO 4/ BATTALION 9

Asset #: 13044

Electrical	Current Repair	Future Re	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Interior Lighting									
Fluorescent	95%	2019	\$24,300	10	\$8,200				
	T-12 Lamps And Fixtures, Extent: Light, Area Affected: 100%								
	Location: Throughout								
Incandescent	5%	2019	\$3,000	2					
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor Office								
	Explanation : Incandescent Downli	ghts							
Egress Lighting									
Emergency, Service	70%	2023	\$3,200	1					
Ç J	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Throughout								
	Explanation: Emergency Lighting Fixtures Connected To Generator								
No Component	30%								
Exterior Lighting									
HID	100%	2023	\$35,600	10					
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Facade, Sidewall And Side Yard								
	Explanation: Wall Mounted								

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2043	* *	1			
Conversion Equipment								
Hot Water Boiler	100%		2021	\$68,100	1	\$4,700		
Distribution								
Hot Wtr Piping/Pump	100% Now	\$6,900	2031	* *	4	\$500		
	Corroded, Extent : Moderate, Area Affected : 20%							
	Location: Basement							
	Other Observation, Extent : Severe, Area Affected : 25% Location : Piping Around Boiler							
	Explanation: Circula	ting Pump Missi	ng Parts /	Some Piping Fro	m Boiler	Disconnected		
Terminal Devices								
Convector/Radiator	80%		2028	\$37,800	1	\$2,400		
Fan Coil Unit/Heat	20%		2023	\$26,500	1	\$600		
Air Conditioning								
Energy Source								
Electricity	100%		2039	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 54/LADDER CO 4/ BATTALION 9

Asset #: 13044

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning									
Conversion Equipment Exterior Pkg Unit - Cooling	25%	Now	\$17,900	2033	* *	2	\$100		
C			re, Area Affected . Beyond Repair, Lov		Split Unit				
Exterior Pkg Unit - Cooling	25%			2019	\$17,900	2	\$100		
	Location	: Lower R	Extent : Light, Area oof Serves Kitchen And						
Window/Wall Unit	35%			2019	\$6,400	1			
No Component	15%			_017	ψο, 100	•			
Distribution									
Ductwork/Diffusers	25%			LIFE	* *	2	\$3,100		
No Component	75%								
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,300		
Exhaust Fans									
Roof	100%		\$2,900	2023	\$14,700	2	\$200		
			Extent : Severe, Are	ea Affecte	ed: 25%				
	Location	-	(E D W		1 777				
DI 1:	Explanat	10n : 1 Of	4 Fans Broken Wit	h Expose	ed Wiring				
Plumbing									
H/C Water Piping Brass/Copper	100%			2033	* *	1			
Water Heater	10070			2033		1			
Gas Fired	100%			2019	\$5,400	2	\$100		
GasTiled		ervation. F	Extent : Light, Area			2	\$100		
		: Basemer	_	11,1100000	. 100/0				
	Explanat	ion : 2 - 7:	Gallon Units						
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)									
Non-Submersible	100%			2019	\$1,300	4	\$300		
			Extent : Light, Area	Affected	l : 100%				
	Location	: Basemer	nt .						
	Explanat	ion : Dupl	ex Unit						
Backflow Preventer									
No Component	95%								
Generic	5%			2028	\$100	1			
Fixtures									
Generic	100%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 55

Address : 363 BROOME STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 7,363 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Mar-2012 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 470 Lot : 12 BIN : 1066722

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$113,800	
Interior Architecture		\$43,800
Total	\$113,800	\$43,800
Importance Code A	\$113,800	
Importance Code B		\$43,800
Total	\$113,800	\$43,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,500		\$8,200	
Interior Architecture			\$6,200	\$300
Electrical	\$2,900	\$1,100	\$9,600	\$1,100
Mechanical	\$10,900	\$1,200	\$6,200	\$1,200
Total	\$27,300	\$2,400	\$30,200	\$2,500
Importance Code A	\$14,300	\$700	\$9,000	\$700
Importance Code B	\$13,000	\$1,600	\$21,200	\$1,800
Importance Code C				
Total	\$27,300	\$2,400	\$30,200	\$2,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13045

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•			•				•
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$25,800	
Masonry: Brick	70%			LIFE	* *	5	\$23,100	
Masonry: Limestone	10%			LIFE	* *	5	\$2,500	
Wood Overhead Doors	10%			2021	\$113,800	5	\$16,500	
Windows								
Aluminum	100%			2039	* *	5	\$1,700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	\$2,300	
	-		nt, Extent : Light, A out Parapet	rea Affe	cted : 90%			
Masonry: Sandstone	10%	0-2	\$7,300	LIFE	* *	5	\$300	
	Cracking/	Crumbling, : Through	Extent : Moderate		ffected : 10%	-	40.00	
Roof								
Copper/Terne	5%			2038	* *	10	\$800	
Modified Bitumen	75%			2028	\$32,100	10	\$5,100	
Roll Roofing	15%			2019	\$4,500	5	\$1,700	
Skylight, Metal/Glass	5%			2033	* *	10	\$1,100	
nterior								
Floors	2.50/				ale ale	_	#0.400	
Cast in Place Concrete	35%			LIFE	* *	5	\$8,400	
Ceramic Tile	5%			2032	* *	5	\$600	
Wood	60%			2051	* *	5	\$12,400	
Interior Walls	100/			TIPE	* *	_	Φ1 100	
Gypsum Board	10%			LIFE	* *	5	\$1,100	
Masonry: Brick	15%			LIFE	* *	5	\$2.500	
Plaster	45%			LIFE	* *	5	\$2,500	
SGFT/Glazed Masonry	25% 5%			LIFE LIFE	* *	5	\$2,600	
Wood Ceilings	370			LIFE		3	\$3,600	
AcousTileSusp.Lay-In	45%			2028	\$43,800	5	\$5,000	
Ceramic Tile	25%			LIFE	**	5	\$1,700	
Ceranne The		ervation F	Extent : Light, Area		1 · 100%	3	\$1,700	
	Location	: Apparati	-					
F 1			va masonry väultei		•		* - ^ -	
Embossed Metal	10%			LIFE	* *	5	\$500	
Exposed Struc: Steel	15%			LIFE	* *	_		
Gypsum Board	5%			LIFE	* *	5	\$700	

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13045

Electrical	Current Repair	Future Replacemen	t N	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	Ost Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment					
Fused Disc Sw	100% Other Observation, Extent: Light, Area Location: Basement Electrical Section Explanation: 200 Amperes Switch W	a Affected : 100% on	** 5		
Raceway					
Conduit	100% Recent Replace Evident, Extent : Light, Location : Throughout, Due To Fire	2049	** 1		
Panelboards					
Molded Case Bkrs	100% Recent Replace Evident, Extent : Light, Location : Throughout, Due To Fire	2043	** 5	\$200	
Wiring Thermoplastic	100%	2049	** 1		
Motor Controllers					
Locally Mounted	100%	2040	** 5	\$100	
Stand-by Power					
Transfer Switches Automatic	100% Other Observation, Extent : Light, Area Location : Basement Electrical Section	a Affected : 100%	** 1	\$2,300	
	Explanation: 200 Amp, 4 Pole				
Generators Diesel	100% Other Observation, Extent: Light, Area Location: Basement Interior Explanation: 60 Kw / 75 Kva, 208/12	a Affected : 100%	** 1	\$2,900	
Batteries	Explanation : 00 Kw / 75 Kva, 200/12	.o v, 51 mase			
Lead/Acid	100%	2019 \$1,6	00 5	\$300	
Fuel Storage		* /-		***	
Day Tank	15% Other Observation, Extent: Light, Area Location: Basement Explanation: 75 Gallon Stand- Alone	a Affected : 100%	** 5	\$200	
Main Tank	85%		** 5	\$200	
Wall Talk	Other Observation, Extent : Light, Area Location : Basement	a Affected : 100%	J	Ψ200	
Lighting	Explanation : 550 Gallon Diesel Mai	n ruei Iank For Irucks			
Lighting Interior Lighting Fluorescent	100%	2031	** 10	\$6,800	
	T-8 Lamps And Fixtures, Extent : Light Location : Throughout			. ,	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13045

Electrical	Current Repair	Future Replacement	: N	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	1 Cost Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority
Lighting					
Egress Lighting					
Emergency, Battery	100%	2031 *	* 10	\$1,800	
	Other Observation, Extent: Ligh	nt, Area Affected : 100%			
	Location : Path Of Egress (Sta	irs And Hallways)			
	Explanation: Battery Operated	d Emergency Lights			
Exterior Lighting					
HID	70%	2031 *	* 10		
	Other Observation, Extent: Ligh	nt, Area Affected : 100%			
	Location : Facade				
	Explanation : Wall Mounted, C	Controlled Via Switch			
Incandescent	30%	2031 *	* 2		
	Other Observation, Extent : Ligh	nt, Area Affected : 100%			
	Location : Facade				
	Explanation : Wall Mounted D	ownlights, Controlled Via Swit	ch		
Alarm	•				
Fire/Smoke Detection					
Generic	100%	2031 *	* 1-3	\$4,700	
	Other Observation, Extent : Ligh	nt, Area Affected : 100%			
	Location : Throughout				
	· ·	d, Interconnected, Combination	Smoke/ Ca	rbon Monoxide	

Mechanical	Cı	urrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$7,300	
Distribution							
Central Plant Steam	100%		2043	* *	4	\$500	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2036	* *	1	\$2,400	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	20%		2028	\$12,200	2	\$100	
Cooling							
Window/Wall Unit	60%		2019	\$9,400	1		
No Component	20%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 55

Asset #: 13045

Mechanical	Current Repair	Future Replaceme	ent N	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	Cost Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Heat Rejection Dry Cooler	20% Other Observation, Extent : Light, Area Location : Roof Explanation : 2 Split Units - R-410 A	•	500 2	\$1,000		
No Component	80%					
/entilation Distribution Ductwork/Diffusers	100% Other Observation, Extent : Light, Area Location : Basement To Roof Explanation : Includes Make Up Air A		** 2-5	\$4,100		
Exhaust Fans Interior Roof	25% 25% Other Observation, Extent : Light, Area Location : Roof Explanation : Kitchen Exhaust	2023 \$6, 2028 \$3,	700 2 100 2	\$100 \$100		
No Component	50%					
Plumbing H/C Water Piping Brass/Copper	100% Other Observation, Extent: Moderate, Location: Kitchen Piping Explanation: Freeze Problem During	-	** 1			
Water Heater Gas Fired	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 2 - 75 Gallon Units	2021 \$4,	600 2	\$100		
Sanitary Piping Cast Iron	100%	LIFE	** 1			
Storm Drain Piping Cast Iron	100%	LIFE	** 1			
Sump Pump(s) Submersible	100% Other Observation, Extent: Light, Area Location: Basement Explanation: Units In 2 Locations		300 4	\$200		
Backflow Preventer No Component Generic	95% 5% Other Observation, Extent: Light, Area Location: Basement Explanation: Serves Boiler Only		100 1			
Fixtures Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 55

Asset #: 13045

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 58/LADDER CO. 26

Address : 1367 FIFTH AVENUE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.058 / 13046 Yr Built/Renovated : 1960 /

Area Sq Ft : 8,100 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1618 Lot : 1 BIN : 1080501

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$352,600	
Mechanical		\$36,500
Total	\$352,600	\$36,500
Importance Code A	\$352,600	
Importance Code B		\$36,500
Total	\$352,600	\$36,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,300	\$2,300	\$4,200	
Interior Architecture	\$15,000	\$500	\$1,600	\$600
Electrical	\$6,600	\$100		\$2,800
Mechanical	\$14,200	\$600	\$6,000	\$600
Total	\$68,100	\$3,500	\$11,700	\$4,000
Importance Code A	\$32,700	\$2,700	\$4,600	\$400
Importance Code B	\$29,100	\$800	\$6,900	\$3,600
Importance Code C	\$6,300		\$200	
Total	\$68,100	\$3,500	\$11,700	\$4,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13046

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date l (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls			0.10.00			_	4.000	
Glazed Ceramic Panel	Cracking/C Location	: Throughou			-	5	\$6,900	
		· Miss/Erod, : Throughoi	Extent : Severe, . ıt	Area Affe	ected : 15%			
Masonry: Brick	Int Mortar		\$107,600 Extent : Severe, A st And North Fac		* * ected : 30%	5	\$17,900	
Wood Overhead Doors	8%			2021	\$53,100	5	\$8,400	
Windows Aluminum	100%			2039	* *	5	\$500	
Parapets								
Cast Stone/Terra Cotta		0-2 Miss/Erod, : Throughou	\$5,400 Extent : Modera ut	LIFE te, Area 1	* * Affected : 10%	5	\$1,600	
Masonry: Brick	80% Int Mortan Location		\$97,500 Extent : Modera	LIFE te, Area A	* * Affected : 30%	5	\$1,700	
Metal Rail	10%			2040	* *	5-10	\$3,800	
Roof	-0.			• • • •	4	4.0		
Asphalt Shingle IRMA/Protected Membrane	5% 90%	4+	\$94,400	2026 2033	\$2,300	10	\$100	
	_	Growth, Ex: Main Roof	tent : Severe, Are	ea Affecte	ed : 30%			
		led, Extent : : All Roofs	Moderate, Area	Affected	: 40%			
Panel/Paver: Cer/Brk	Drains Clo Location Water Pen	: 1st Floor I etration, Ext	\$7,400 t : Severe, Area A Roof Over House ent : Severe, Are Roof Over House	Watch C a Affecte	Office d : 25%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13046

Architecture		Current Repair	r	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete	53%			LIFE	* *	5	\$14,100	
	Cracking/C	Crumbling, Exter	nt : Light, Are	ea Affect	ed : 5%			
	Location	: 1st Floor Appa	aratus Area					
Ceramic Tile	10%			2032	* *	5	\$1,200	
Quarry Tile	5%			2036	* *	5	\$900	
Vinyl Tile	30%			2023	\$30,900	3	\$1,400	
•	Worn/Eroc	led, Extent : Mod	derate, Area	Affected	: 70%			
	Location	: Throughout 2n	ıd Floor					
	Other Obs	ervation, Extent	: Light, Area	Affected	! : 70%			
	Location	: Throughout 2n	ıd Floor					
	Explanat	ion : 9 X 9 Tiles						
Wood	2%			2058	* *	5	\$500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2026	\$11,200	5	\$400	
Concrete Masonry Unit	15%			LIFE	* *	5	\$500	
Masonry: Brick	5%			LIFE	* *			
Plaster	30%			LIFE	* *	5	\$700	
SGFT/Glazed Masonry	40%	4+	\$6,300	LIFE	* *			
-	Cracking/0	Crumbling, Exter	nt : Light, Are	ea Affect	ed : 1%			
	Location	: Throughout 1s	t Floor					
Ceilings								
AcousTileSusp.Lay-In	15%			2036	* *	5	\$1,800	
Exposed Concrete	30%			LIFE	* *	5	\$600	
Plaster	55%	Now	\$8,700	LIFE	* *	5	\$4,200	
	Water Pen	etration, Extent .	: Severe, Are	a Affecte	d : 2%			
	Location	: Bulkhead Ceili	ing					

lectrical	Current Repair	Future Repl	lacement	М	aintenance	
estem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
	Other Observation, Extent : Light, Area	Affected: 1009	%			
	Location: Basement Electrical Section	n				
	Explanation: 400 Amp, 208 V, 3 Phas	ie				
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2045	* *	5	\$200	
Wiring						
Braided Cloth	10%	2022	\$2,800	1		
Thermoplastic	90%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13046

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting	(50/	2020	#142 00	1.0	# 4 000	
Fluorescent	65%	2028	\$14,300	10	\$4,800	
	T-8 Lamps And Fixtures, Extent : Li Location : Throughout	ght, Area Afj	tected: 100%			
Fluorescent	30% Now \$6,60	00 2033	* *			
	T-8 Lamps And Fixtures, Extent: Li	ght, Area Afj	fected : 100%			
	Location: Throughout					
	Other Observation, Extent: Severe,	Area Affecte	ed: 100%			
	Location: Throughout					
	Explanation: Burnt Out					
Incandescent	5%	2023	\$2,600	2		
	Other Observation, Extent : Light, A	rea Affected				
	Location: In T. V. Room 1st Floor	•				
	Explanation: Downlights					
Egress Lighting						
Emergency, Service	50%	2023	\$2,000	1		
Exit, Service	50%	2023	\$400	1		
Exterior Lighting						
HID	100%	2023	\$30,500	10		
	Other Observation, Extent: Modera	ite, Area Affe	ected : 100%			
	Location: Facade And Side Yard					
	Explanation: Wall Mounted, Cont	trolled Via Si	witch			

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment Hot Water Boiler	100%		2040	* *	1	\$4,000	
Distribution						•	
Hot Wtr Piping/Pump	100%		2031	* *	4	\$600	
Terminal Devices							
Convector/Radiator	90%		2028	\$36,500	1	\$2,400	
Unit Heater - Steam	10%		2023	\$2,700	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2031	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13046

echanical		Current Repair	Futur	e Replacement	M		
vstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
r Conditioning							
Conversion Equipment							
Window/Wall Unit	80%		2019	\$12,600	1		
No Component	20%						
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,500	
Exhaust Fans							
Roof	90%		2023	\$11,300	2	\$200	
Wall Unit	10%		2019	\$300	2		
ımbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Gas Fired	100%		2021	\$4,600	2	\$100	
		ervation, Extent : Light, Area	ı Affected	! : 100%			
		: Basement					
	Explanai	tion : 2 - 75 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2019	\$300	4	\$300	
Backflow Preventer							
No Component	95%						
Generic	5%		2028	\$100	1		
	Other Obs	ervation, Extent : Light, Area	Affected	! : 100%			
	Location	: Basement					
	Explana	tion : Serves Boiler Only					
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 59/LADDER CO. 30

Address : 111 WEST 133rd STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.059 / 13047 Yr Built/Renovated : 1962 /

Area Sq Ft : 8,480 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1918 Lot : 24 BIN : 1058225

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$69,200
Interior Architecture		\$43,100
Mechanical		\$142,900
Total		\$255,200
Importance Code A		\$69,200
Importance Code B		\$186,000
TF 4.1		0077.000

Total \$255,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,400		\$3,300	
Interior Architecture	\$25,800		\$500	\$2,100
Electrical	\$6,800	\$600	\$6,600	\$600
Mechanical	\$25,000	\$1,700	\$8,300	\$1,700
Total	\$66,000	\$2,200	\$18,800	\$4,400
Importance Code A	\$8,800	\$400	\$3,700	\$400
Importance Code B	\$50,300	\$1,800	\$15,000	\$3,100
Importance Code C	\$7,000			\$900
Total	\$66,000	\$2,200	\$18,800	\$4,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13047

	Current Repair F			Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$17,900	
Metal Sect. OHD	10%			2036	* *	5	\$6,200	
Windows								
Aluminum	100%	_		2039	**	5	\$500	
			: Light, Area Aff	ected : 20	0%			
	Location	: Throughor	ut					
Parapets	2.50/				at. at.	_	#200	
Masonry: Brick	25%			LIFE	* *	5	\$300	
Metal Cornice	5%			2051	**	10	\$200	
			tent : Light, Area	Affectea	t : 100%			
		: Parapet	Camina					
M (1D '1		tion : Metal		2026	* *	-	Φ.(.200	
Metal Rail		Now	\$1,200	2036		5	\$6,300	
		-	nts, Extent : Mod ade - 2 Panels B		rea Affected : 5%			
Roof								
Modified Bitumen	Blisters, E Location Water Pen	: Throughor	\$6,900 erate, Area Affect ut Main Roof tent : Severe, Are		\$69,200 d:5%			
	Locanon	: Main Roo	f Near Bulkhead					
	Location	: Main Rooj	f Near Bulkhead					
Floors		: Main Roo	f Near Bulkhead	LIEE	**	5	\$12,500	
Floors Cast in Place Concrete	45%	: Main Rooj	f Near Bulkhead	LIFE	**	5	\$12,500 \$1,300	
Floors Cast in Place Concrete Ceramic Tile	45% 10%	: Main Rooj	f Near Bulkhead	2032		5	\$1,300	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile	45% 10% 5%			2032 2036	* *	5 5	\$1,300 \$1,000	
Cast in Place Concrete Ceramic Tile	45% 10% 5% 40% Broken/Mi Location Worn/Eroc Location Other Obs	Now issing Eleme : 2nd Floor ded, Extent : : House Wa	\$12,900 nts, Extent : Mod Dormitory And I Severe, Area Aff atch And 2nd Floo tent : Light, Area	2032 2036 2028 Jerate, Ar House We Tected: 1.	** \$43,100 rea Affected: 10% atch 5% ghout	5	\$1,300	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile	45% 10% 5% 40% Broken/Mi Location Worn/Eroc Location Other Obs	Now issing Eleme : 2nd Floor ded, Extent : : House Wa ervation, Ex : 2nd Floor	\$12,900 nts, Extent : Mod Dormitory And I Severe, Area Aff atch And 2nd Floo tent : Light, Area	2032 2036 2028 Jerate, Ar House We Tected: 1.	** \$43,100 rea Affected: 10% atch 5% ghout	5 5	\$1,300 \$1,000	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Ceramic Tile	45% 10% 5% 40% Broken/Mi Location Worn/Erod Location Other Obs Location Explana	Now issing Eleme : 2nd Floor ded, Extent : : House Wa ervation, Ex : 2nd Floor	\$12,900 nts, Extent : Mod Dormitory And I Severe, Area Aff atch And 2nd Floo tent : Light, Area	2032 2036 2028 Jerate, Ar House We Tected: 1.	** \$43,100 rea Affected: 10% atch 5% ghout	5 5	\$1,300 \$1,000 \$1,900 \$1,700	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Interior Walls	45% 10% 5% 40% Broken/Mr Location Worn/Eroc Location Other Obs Location Explanae	Now issing Eleme : 2nd Floor ded, Extent : : House Wa ervation, Ex : 2nd Floor	\$12,900 nts, Extent : Mod Dormitory And I Severe, Area Aff atch And 2nd Floo tent : Light, Area	2032 2036 2028 Jerate, Ar House We Tected: 1. For Throug Affected	* *	5 5 3	\$1,300 \$1,000 \$1,900 \$1,700 \$500	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Ceramic Tile	45% 10% 5% 40% Broken/Mi Location Worn/Eroc Location Other Obs Location Explanat 10% 5% 50%	Now issing Eleme : 2nd Floor ded, Extent: : House Wa ervation, Ex : 2nd Floor tion: 9 X 9 T	\$12,900 nts, Extent: Moa Dormitory And I Severe, Area Aff tch And 2nd Floo tent: Light, Area Tiles \$7,000	2032 2036 2028 Jerate, Ar House We Jected : 1. Or Throug Affected 2032 LIFE LIFE	** \$43,100 rea Affected : 10% atch 5% ghout 1: 75%	5 5 3	\$1,300 \$1,000 \$1,900 \$1,700	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Ceramic Tile Gypsum Board	45% 10% 5% 40% Broken/Mi Location Worn/Eroc Location Other Obs Location Explanae 10% 5% 50% Spalling, 1	Now issing Eleme : 2nd Floor ded, Extent: : House Wa ervation, Ex : 2nd Floor tion: 9 X 9 T	\$12,900 nts, Extent : Moa Dormitory And I Severe, Area Aff tch And 2nd Floo tent : Light, Area Tiles \$7,000 re, Area Affected	2032 2036 2028 Jerate, Ar House We Jected : 1. Or Throug Affected 2032 LIFE LIFE I: 15%	** \$43,100 rea Affected: 10% atch 5% ghout 1: 75% ** **	5 5 3 5 5	\$1,300 \$1,000 \$1,900 \$1,700 \$500	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Ceramic Tile Gypsum Board	45% 10% 5% 40% Broken/Mi Location Worn/Eroc Location Other Obs Location Explanat 10% 5% 50% Spalling, I Location	Now issing Eleme : 2nd Floor ded, Extent: : House Wa ervation, Ex : 2nd Floor tion: 9 X 9 T	\$12,900 nts, Extent: Moa Dormitory And I Severe, Area Aff ttch And 2nd Floo tent: Light, Area Files \$7,000 re, Area Affected Bathroom And V	2032 2036 2028 Verate, An House We Sected: 1. Or Throug Affected 2032 LIFE LIFE 1: 15% Veight Ro	** \$43,100 rea Affected : 10% atch 5% ghout 1: 75% ** **	5 5 3 5 5	\$1,300 \$1,000 \$1,900 \$1,700 \$500	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Ceramic Tile Gypsum Board	45% 10% 5% 40% Broken/Ma Location Worn/Erod Location Explana 10% 5% 50% Spalling, I Location Water Pen	Now ssing Eleme : 2nd Floor ded, Extent: : House Wa ervation, Ex : 2nd Floor tion: 9 X 9 T Now Extent: Seve : 2nd Floor etration, Ex	\$12,900 nts, Extent: Mod Dormitory And I Severe, Area Aff tch And 2nd Floo tent: Light, Area Files \$7,000 re, Area Affected Bathroom And V tent: Severe, Area	2032 2036 2028 derate, Ar House We fected: 1. for Throug Affected 2032 LIFE LIFE 1: 15% Veight Ro a Affecte	** \$43,100 rea Affected : 10% atch 55% ghout 1: 75% ** ** oom d: 15%	5 5 3 5 5	\$1,300 \$1,000 \$1,900 \$1,700 \$500	
Floors Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Ceramic Tile Gypsum Board	45% 10% 5% 40% Broken/Ma Location Worn/Erod Location Explana 10% 5% 50% Spalling, I Location Water Pen	Now ssing Eleme : 2nd Floor ded, Extent: : House Wa ervation, Ex : 2nd Floor tion: 9 X 9 T Now Extent: Seve : 2nd Floor etration, Ex	\$12,900 nts, Extent: Moa Dormitory And I Severe, Area Aff ttch And 2nd Floo tent: Light, Area Files \$7,000 re, Area Affected Bathroom And V	2032 2036 2028 derate, Ar House We fected: 1. for Throug Affected 2032 LIFE LIFE 1: 15% Veight Ro a Affecte	** \$43,100 rea Affected : 10% atch 55% ghout 1: 75% ** ** oom d: 15%	5 5 3 5 5	\$1,300 \$1,000 \$1,900 \$1,700 \$500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13047

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$500	2028	\$10,300	5	\$600	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 5%			
	Location	: Kitchen						
Exposed Concrete	25%			LIFE	* *	5	\$500	
Plaster	65%	Now	\$5,400	LIFE	* *	5	\$5,200	
	Broken/Mi	ssing Elem	ents, Extent : Seve	re, Area	Affected : 20%			
	Location : Apparatus And 2nd Floor Bathroom							
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d : 5%			
	Location	: 2nd Floo	or Bathroom					

Electrical	Current Repair	Future Re	eplacement	M						
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Est	imated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts										
Service Equipment										
Fused Disc Sw	100%	2043	* *	5						
	Other Observation, Extent : Li	ight, Area Affected : 10	00%							
	Location : Basement									
	Explanation: 400 Amp									
Raceway										
Conduit	100%	2033	* *	1						
Panelboards										
Molded Case Bkrs	100%	2031	* *	5	\$200					
Wiring										
Thermoplastic	100%	2033	* *	1						
Motor Controllers										
Locally Mounted	100%	2028	\$14,400	5	\$100					
Ground										
Grounding Devices										
Generic	100%	LIFE	* *	5	\$100					
Stand-by Power										
Transfer Switches	1000/	• • • •	di di		D					
Automatic	100%	2036	**	1	\$2,600					
		Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement									
	Explanation: 200 Amp, 1 Ph	nase								
Generators	1000/	2022	ماد ماد		#2.20 2					
Diesel	100%	2032	**	1	\$3,300					
	Other Observation, Extent : Li		10%							
	Location: Building Exterior									
-	Explanation : Locked, Unabl	le To Read Size								
Batteries	1000/	2010	01.5 00	_	0000					
Lead/Acid	100%	2019	\$1,500	5	\$300					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13047

Electrical		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	90%			2051	**	5	\$200	
		servation, E n : Basemen	Extent : Light, Area t	Affected	: 100%			
			Gallon Main Diese	! Fuel Ta	nk			
Not Accessible	10%							
Lighting								
Interior Lighting								
Fluorescent		Now	\$4,600	2033	* *			
	_		res, Extent : Light,	Area Afj	fected : 100%			
		n : Through						
			xtent : Severe, Are	a Affecte	d: 100%			
	Location	n : Through	out					
	Explana	tion : Burni	Out					
Fluorescent	75%	1		2031	* *	10	\$5,800	
	T-8 Lamp	s And Fixtu	res, Extent : Light,	Area Afj	fected : 100%			
	Location	n: Through	out					
Incandescent	5%)		2023	\$2,700	2		
	Other Ob	servation, E	xtent : Light, Area	Affected	•			
			T. V. Room	55				
	Explana	tion : Dowr	ilights					
Egress Lighting			0					
Emergency, Service	50%	1		2023	\$2,100	1		
Exit, LED	50%)		2038	* *	1		
Exterior Lighting								
HID	100%)		2023	\$32,000	10		
	Other Ob	servation, E	xtent : Light, Area	Affected	: 100%			
	Location	n : Facade A	And Side Parking I	Lot				
	Explana	tion : Wall	Mounted, Controli	ed Via Ti	ime Clock			

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Furnace	5%		2023	\$900	1	\$200	
Hot Water Boiler	95%		2036	* *	1	\$4,000	
Distribution							
Ductwork/Diffusers	5%		LIFE	* *	2-5	\$200	
Hot Wtr Piping/Pump	95%		2039	* *	4	\$600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13047

% of	Fail Date	Estimated Cost	Voor	Estimated Cost	C 1		
Total	(Years)		FY	Estillated Cost	(Yrs)	Estimated Cost	Priority
000/			2020	#20.200	1	#2.500	
						·	
	ervation F	rtent · Light Area		· ·	4	\$100	
			Ајјестец	. 100/0			
100%			2039	* *	1		
75%			2028	\$48,200	2	\$400	
			2019	\$1,700	1		
15%							
5.5 0/	3.7	# 6 000		ماد ماد		#0.200	
					2	\$8,300	
			Area Affe	ectea : 25%			
		-					
		n Dijjusers					
25%							
750/	Now	¢1 100	2028	\$56.500	1		
1370	NOW	\$1,100	2028	\$30,300	1		
Other Obs	ervation. E	xtent : Moderate. 1	Area Affe	ected : 50%			
			33				
Explana	tion : Cond	ensate Pumps Leal	king / Te	mporary Power			
		<u> </u>		<u> </u>			
75%			2028	\$27,500	2	\$4,400	
Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%		·	
Location	: Roof						
Explana	tion : 3 Spli	it Units / R - 22					
25%							
100%			LIFE	* *	2-5	\$4,700	
50%			2028	\$6,600	2	\$100	
1000/			2022	* *	1		
100%			2033	<i>*</i> *	1		
1000/			2021	\$4.800	2	\$100	
		rtent · Light Arga		•	2	\$100	
	ervanon, E 1 : Basemen	_	ryjecieu	. 100/0			
Location	t : Dasemen	ı					
	10% Other Obs Location Explana. 100% 75% 10% 15% 75% Other Obs Location Explana. 25% 75% Other Obs Location Explana. 25% 100% 100% 50% 50% 100% 100%	Other Observation, E Location: 1st Floor Explanation: Serve 100% 75% 10% 15% 75% Now Other Observation, E Location: Dormitor Explanation: Broke 25% 75% Now Other Observation, E Location: 2nd Floor Explanation: Conditation: Conditation: Roof Explanation: 3 Split 25% 100% 50% 50% 100% 100% Other Observation, E	10% Other Observation, Extent: Light, Area Location: 1st Floor Explanation: Serves Apparatus Floor 100% 75% 10% 15% 75% Now \$6,800 Other Observation, Extent: Moderate, A Location: Dormitory Explanation: Broken Diffusers 25% 75% Now \$1,100 Other Observation, Extent: Moderate, A Location: 2nd Floor Explanation: Condensate Pumps Lead 25% 75% Other Observation, Extent: Light, Area Location: Roof Explanation: 3 Split Units / R - 22 25% 100% 50% 50% 50% Other Observation, Extent: Light, Area	10% 2023 Other Observation, Extent: Light, Area Affected Location: 1st Floor Explanation: Serves Apparatus Floor 100% 2039 75% 2028 10% 2019 15% 75% Now \$6,800 LIFE Other Observation, Extent: Moderate, Area Affected Location: Dormitory Explanation: Broken Diffusers 25% 75% Now \$1,100 2028 Other Observation, Extent: Moderate, Area Affected Location: Condensate Pumps Leaking / Texplanation: Condensate Pumps Leaking / Texplanation: Roof Explanation: 3 Split Units / R - 22 25% 100% LIFE 50% 2019 50% 2028 100% LIFE	10% 2023 \$2,800	10% 2023 \$2,800 4	10% 2023 \$2,800 4 \$100

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13047

lechanical	Current R	epair Futur	Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$300	4	\$300	
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1134

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 6

Address : 49 BEEKMAN STREET BTWN WILLIAM ST. - GOLD ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,001 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 93 Lot : 30 BIN : 1001287

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$58,500
Total		\$58,500
Importance Code B		\$58,500
Total		\$58 500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$2,800		\$5,600
Interior Architecture	\$2,700	\$1,000	\$1,700	\$300
Electrical	\$900	\$500	\$2,000	\$5,000
Mechanical	\$30,100	\$600	\$2,500	\$600
Total	\$33,700	\$4,800	\$6,200	\$11,500
Importance Code A	\$200	\$3,100	\$200	\$5,900
Importance Code B	\$33,400	\$1,800	\$4,600	\$5,600
Importance Code C			\$1,400	
Total	\$33,700	\$4,800	\$6,200	\$11,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13005

Architecture	Cecture Current Repair Future Replacement		М	Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	73%			LIFE	* *	5	\$18,400	
Masonry: Limestone	20%			LIFE	* *	5	\$3,800	
Metal Sect. OHD	5%			2040	* *	5	\$3,900	
Granite Panels	2%			LIFE	* *	5	\$400	
Windows								
Aluminum	100%			2043	* *	5	\$1,400	
Parapets								
Copper/Terne	5%			2047	* *	5	\$400	
Masonry: Brick	80%			LIFE	* *	5	\$1,200	
Masonry: Limestone	10%			LIFE	* *	5	\$200	
Metal Rail	5%			2040	* *	5-10	\$1,400	
Roof								
Modified Bitumen	100%			2032	* *	10	\$5,500	
nterior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	\$4,100	
Ceramic Tile	10%			2036	* *	5	\$700	
Panel/Paver: Cer/Brk	5%			2035	* *	5	\$800	
Sheet Vinyl/Rubber	5%			2027	\$11,100	5	\$600	
Wood	55%	4+	\$2,700	2055	* *	5	\$3,900	
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 15%			
	Location	: 2nd Floo	r					
Interior Walls								
Ceramic Tile	20%			2036	* *	5	\$2,700	
Concrete Masonry Unit	20%			LIFE	* *	5	\$1,100	
Gypsum Board	40%			LIFE	* *	5	\$3,300	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%			2040	* *	5	\$1,100	
Exposed Concrete	25%			LIFE	* *	5	\$300	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	45%			LIFE	* *	5	\$4,200	
Metal Panel	5%			LIFE	* *	5	\$500	
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13005

Electrical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5		
	Other Observation, Extent : Light,	Area Affected: 100	0%			
	Location : Basement					
- · · · · · · · · · · · · · · · · · · ·	Explanation: One 400 Amperes	Main Disconnect S	witch			
Switchgear / Switchboard Fused Disc Sw	100%	2047	* *	5		
Raceway	10070	2017				
Conduit	100%	2047	* *	1		
Panelboards						
Fused Disc Sw	10%	2043	* *	5		
Molded Case Bkrs	90%	2043	* *	5	\$100	
Wiring						
Thermoplastic	100%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches	1000/	2040	* *		Ø1.500	
Automatic	100%	2040	* *	1	\$1,500	
Generators	100%	2036	* *	1	¢1 000	
Diesel	Other Observation, Extent: Light,			1	\$1,900	
	Location : Generator Room In B		0/0			
	Explanation: Ratings Not Availa					
Batteries	Expunution . Runings two Avutt					
Lead/Acid	100%	2021	\$1,500	5	\$200	
Fuel Storage		 -	+1,000		\$200	
Main Tank	100%	2055	* *	5	\$100	
Lighting					·	
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$4,600	
	Other Observation, Extent : Light,	Area Affected: 100	0%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Service	50%	2027	\$1,200	1		
Exit, Service	50%	2027	\$300	1		
Exterior Lighting	1000/	2025	#10.000	10		
Alarm	100%	2027	\$18,900	10		

Alarm

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13005

Electrical		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Digital	5%	Now	\$500	2037	* *	1-3	\$100	
	Devices M	issing, Extent:	Moderate, Ar	ea Affecte	ed : 100%			
	Location	: 2nd - 4th Floo	ors					
	Local/Batt	ery Operated D	etect, Extent .	Light, A	rea Affected : 1009	%		
	Location	: 2nd - 4th Floo	ors					

Mechanical		Current Repai	r	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
		lace Evident, E.	xtent : Light,	Area Aff	ected : 100%			
	Location	: Basement						
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$2,500	
		ervation, Extent	: Light, Area	Affected	! : 100%			
		: Basement						
	Explanat	ion: 2 Units						
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	\$400	
Terminal Devices								
Convector/Radiator	80%			2040	* *	1	\$1,300	
Unit Heater - Steam	20%			2032	* *	4	\$100	
Air Conditioning								
Energy Source	1000/			20.40	* *			
Electricity	100%			2049	* *	1		
Conversion Equipment Ext Pkg Unit -	100%	Now	\$29,300	2027	\$58,500	2	\$200	
Heating/Cooling			,					
	R-22 Refrig Location	gerant, Extent : : Roof	Light, Area A	ffected :	100%			
	Unit Inope Location	rable, Extent : N : Roof	Moderate, Are	a Affecte	ed : 5%			
	Other Obse	ervation, Extent	: Moderate, A	Area Affe	ected : 80%			
	Location	3						
	Explanat	on : Requires F	Frequent Repo	ir				
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$6,500	
Ventilation								
Exhaust Fans				2622		_	440-	
Interior	50%			2032	**	2	\$100	
Roof Plumbing	50%			2032	* *	2	\$100	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13005

Mechanical	Current Repa	ir Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2025	\$2,900	2	\$100	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units 74	4 Gallon				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2021	\$200	4	\$100	
Backflow Preventer						
Generic	100%	2032	* *	1	\$300	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2047	* *	1-2	\$1,400	
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 60/LADDER CO. 17

Address : 341 EAST 143RD STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.060 / 13048 Yr Built/Renovated : 1906 /

Area Sq Ft : 11,250 Project Type : FIRE DEPARTMENT

Date of Survey : 02-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2306 Lot : 52 BIN : 2000656

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$277,200	\$46,200
Interior Architecture	\$216,000	
Total	\$493,200	\$46,200
Importance Code A	\$277,200	\$46,200
Importance Code B	\$130,900	
Importance Code C	\$85,100	
Total	\$493,200	\$46,200

Importance Code C		\$2,400		. ,
Importance Code B	\$32,500	\$7,700	\$2,300	\$19,000
Importance Code A	\$76,600	\$2,300	\$1,100	\$6,600
Total	\$109,100	\$12,400	\$3,500	\$25,600
Mechanical	\$2,600	\$2,300	\$2,700	\$17,000
Electrical	\$900	\$900	\$800	\$3,100
Interior Architecture	\$30,200	\$8,200		
Exterior Architecture	\$75,500	\$1,100		\$5,500
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13048

rchitecture	Current Repair	Future Replacement	Maintenance		
vstem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls					
Alum/Vinyl Siding	5%	2037 **	10	\$600	
Cast Stone/Terra Cotta	5% 4+ \$15,50 Staining/Discoloring, Extent: Light, Location: Street Facade		5	\$14,900	
Masonry: Brick	72% 2-4 \$165,20 Jnt Mortar Miss/Erod, Extent: Mode Location: Rear And Side Walls Spalling, Extent: Moderate, Area Af	erate, Area Affected : 20%	5	\$27,400	
	Location : Rear And Side Walls				
Masonry: Granite	5% 0-2 \$4,60 Int Mortar Miss/Erod, Extent : Mode Location : Street Facade		5	\$1,400	
Masonry: Limestone	5% 4+ \$4,60 Staining/Discoloring, Extent: Model Location: Street Facade		5	\$1,400	
Metal Sect. OHD	5%	2032 **	5	\$6,000	
Metal: Cage/Fence	3%	2032 **	5	\$5,000	
Windows					
Aluminum	80%	2035 **	5	\$2,300	
Aluminum	20% Now \$23,80 Air Infiltration, Extent: Severe, Area Location: 2nd Floor, Street Facad Misaligned/Bulging, Extent: Modera Location: 2nd Floor, Street Facad	n Affected : 100% le ate, Area Affected : 40%	5	\$300	
Parapets					
Cast Stone/Terra Cotta	5% 2-4 \$4,40 Cracking/Crumbling, Extent : Light, Location : Cornice - Street Facade	Area Affected : 70%	5	\$1,100	
	Caulking Deteriorated, Extent: Mod Location: Joint Lines - Street Side				
Masonry: Brick	80% Now \$52,40 Jnt Mortar Miss/Erod, Extent: Mode Location: Street Facade Spalling, Extent: Moderate, Area Af Location: Interior Parapet Face T Water Penetration, Extent: Severe, A Location: Rear Parapet At Kitchen	erate, Area Affected : 15% fected : 40% hroughout Area Affected : 10%	5	\$2,300	
Masonry: Limestone	15% Now \$13,40 Int Mortar Miss/Erod, Extent: Mode Location: Street Facade Loose Units, Extent: Moderate, Area Location: Street Facade	erate, Area Affected : 25% a Affected : 20%	5	\$500	
	Water Penetration, Extent : Moderat Location : 3rd Floor Bathroom	е, Агей Ајјесіва : 10%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13048

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	75%			2027	\$46,200	10	\$10,100	
Built-Up (BUR)		Now	\$9,200	2037	* *			
	_	extent : Mo : Over Kit	derate, Area Affec	tea : 15%	Ó			
				Anna Aff	antad . 250/			
	_	: Over Kit	Extent : Moderate, . chen	Area Ajje	eciea : 25%			
			chen xtent : Severe, Are	a Affacta	A · 10%			
		: Kitchen	xieiii . Severe, Are	и Ајјесте	u . 1070			
			: Moderate, Area	Affected	: 75%			
			Roof Throughout	2550000	. , , , ,			
Skylight, Metal/Glass		Now	\$59,600	2047	* *			
Skylight, Metal/Glass			ked, Extent : Mode		ea Affected · 30%			
		: Main Ro		, aic, 111	a Tyjeetea . 5070			
Interior			- J					
Floors								
Cast in Place Concrete	10%	Now	\$18,400	LIFE	* *	5	\$3,900	
	Water Pen	etration, E.	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: Basemen	t Slab At Floor Dr	ains				
Cast in Place Concrete	35%			LIFE	* *	5	\$13,500	
			ent, Extent : Light,	Area Aff	ected : 100%			
	Location	: Apparatı	ıs Floor					
Ceramic Tile	5%			2030	* *	5	\$900	
Quarry Tile	5%			2040	* *	5	\$1,300	
Sheet Vinyl/Rubber		Now	\$130,900	2037	* *	5	\$3,300	
			tent : Severe, Area		l : 50%			
			r Rooms And Corr					
			: Moderate, Area	Affected	: 40%			
	Location	: 2nd Floo	r Corridors					
Wood	20%			2030	* *	5	\$6,600	
Interior Walls								
Ceramic Tile	20%			2030	* *	5	\$4,900	
Glass: Single Pane	8%			LIFE	* *	5	\$1,500	
Gypsum Board	5%	0.0	Φ0 π 100	LIFE	* *	5	\$700	
Masonry: Brick	30%	0-2	\$85,100	LIFE	* *			
			ere, Area Affected		II c			
DI .		. busemen	t Vault, Rear And				#2.5 00	
Plaster	37%			LIFE	* *	5	\$2,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13048

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,700	
Embossed Metal	25%	Now	\$7,800	LIFE	* *	5	\$2,000	
		ssing Elem : Apparati	ents, Extent : Mod us Floor	erate, Ar	rea Affected : 20%			
Exposed Concrete	10%			LIFE	* *	5	\$300	
-	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	: Rear Por	rtion Of Basement					
	Explanat	ion : Slab	Not Replace -					
Exposed Struc: Steel	15%			LIFE	* *			
	Recent Rep	olace Evide	ent, Extent : Light,	Area Aff	ected : 100%			
	Location	: Support	Beams Below Appo	ratus Fl	oor			
Plaster	35%	Now	\$4,100	LIFE	* *	5	\$3,900	
	Punct/Tea	r/Impact D	amage, Extent : Se	vere, Are	ea Affected : 5%		. ,	
		•	Floor Office		00			

Electrical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2053 **	5		
	Other Observation, Extent : Moderate	, Area Affected : 100%			
	Location: Basement				
	Explanation : Main Service Disconn	ect Switch Rated @ 200 Amp	oeres.		
Switchgear / Switchboard					
Molded Case Bkrs	100%	2053 **	5	\$300	
Raceway					
Conduit	50%	2037 **	1		
Conduit	50%	2053 **	1		
Panelboards					
Molded Case Bkrs	50%	2035 **	5	\$100	
Molded Case Bkrs	50%	2049 **	5	\$100	
	Obsolete Equipment, Extent : Severe,	Area Affected : 10%			
	Location : Apparatus Floor				
Wiring					
Thermoplastic	50%	2037 **	1		
Thermoplastic	50%	2053 **	1		
Motor Controllers					
Locally Mounted	100%	2032 **	5	\$100	
Ground				·	
Grounding Devices					
Generic	100%	LIFE **	5	\$200	
Stand-by Power				· · · · · · · · · · · · · · · · · · ·	
Transfer Switches					
Automatic	100%	2044 **	1	\$3,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13048

Electrical	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2036	* *	1	\$4,400	
	Other Observation, Extent: Mode	erate, Area Affected	: 100%			
	Location: Outside					
	Explanation : Emergency Gener	rator Rated @ 40kw				
Batteries						
Lead/Acid	100%	2022	\$1,500	5	\$400	
Fuel Storage						
Main Tank	100%	2062	* *	5	\$300	
	Other Observation, Extent : Mode Location : Outside		: 100%			
	Explanation: 50 Gallons Rated	Capacity				
Lighting						
Interior Lighting	000/	2025	* *	1.0	Ø10.100	
Fluorescent	98%	2035		10	\$10,100	
	T-8 Lamps And Fixtures, Extent : Location : Throughout The Buil		ected : 100%			
Fluorescent	1%	2022	\$300	10	\$100	
	T-12 Lamps And Fixtures, Extent	: Moderate, Area Af	fected : 100%	ó		
	Location: Basement					
Incandescent	1%	2027	\$700	2		
Egress Lighting						
Emergency, Service	50%	2035	* *	1		
Exit, Service	50%	2035	* *	1		
Exterior Lighting	· · · · · · · · · · · · · · · · · · ·					
HID	20%	2035	* *	10		
No Component	80%					

Mechanical		Current Repair	epair Future Replacement		M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2037	* *	1		
Conversion Equipment							
Steam Boiler	100%		2032	* *	1	\$11,100	
Distribution							
Central Plant Steam	100%		2037	* *	4	\$600	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	80%		2032	* *	1	\$2,900	
Unit Heater - Steam	20%		2027	\$7,500	4	\$300	
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13048

Mechanical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning	•							•
Conversion Equipment								
Split Unit	20%			2037	* *			
	Recent Re	place Evid	ent, Extent : Light,	Area Aff	ected : 20%			
	Location	-						
			Extent : Light, Area	Affected	!: 20%			
	Location	-						
	Explana	tion : 2 Un	its. Split Unit Serve	s Bunk A	Area And Kichen. F	R-410a		
Window/Wall Unit	30%			2022	\$6,600	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2037	* *	1	\$700	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2037	* *	2	\$1,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$1,900	
No Component	70%							
Exhaust Fans								
Interior	30%			2027	\$11,200	2	\$100	
Roof	10%			2027	\$1,700	2		
Wall Unit	60%			2027	\$2,200	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	\$6,400	2	\$200	
			Extent : Light, Area	Affected	! : 100%			
		: Basemer						
	Explana	tion : 1- 75	Gallon Unit					
Sanitary Piping	1000/				ماد ماد			
Cast Iron	100%	(61 1 1	F G 4	LIFE	**	1		
	_		Extent : Severe, Are		ed : 10%			
	Location	: Basemer	nt And 1st Floor Re	st Room				
Storm Drain Piping	1000/				ماد ماد			
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	1000/			2020	0.400	4	# 400	
Submersible	100%			2020	\$400	4	\$400	
Fixtures	1000/							
Generic	100%							
Fire Suppression								
Chemical System	1000/			2022	¢1 000	1.2	¢4 000	
Generic	100%			2022	\$1,900	1-3	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 62/LADDER 32 Address : 3431 WHITE PLAINS ROAD

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.062 / 13050 Yr Built/Renovated : 1903 /

Area Sq Ft : 6,878 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4628 Lot : 53 BIN : 2056968

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$148,600	\$91,800
Total	\$148,600	\$91,800
Importance Code A	\$148,600	\$91,800
Total	\$148,600	\$91,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$53,800	\$16,300		\$600
Interior Architecture	\$41,600	\$1,800		\$2,400
Electrical	\$31,600	\$500	\$400	\$500
Mechanical	\$43,800	\$1,500	\$1,900	\$7,000
Total	\$170,700	\$20,100	\$2,300	\$10,600
Importance Code A	\$65,000	\$16,900	\$500	\$1,200
Importance Code B	\$97,700	\$2,000	\$1,800	\$9,400
Importance Code C	\$8,000	\$1,200		
Total	\$170,700	\$20,100	\$2,300	\$10,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13050

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior Exterior Walls Alum/Vinyl Siding	10% Now Broken/Missing Elements Location : Siding Missi	s, Extent : Severe,		* * ffected : 10%			
Masonry: Brick	70% Now Jnt Mortar Miss/Erod, E. Location : Side Facade	xtent : Severe, Are	IFE a Affec	* * rted : 65%	5	\$17,900	
Masonry: Granite Masonry: Limestone	3% 7% Now Cracking/Crumbling, Ext Location: Window Sill.	\$9,700 L tent : Moderate, A			5 5	\$600 \$1,300	
Metal Sect. OHD	10%	2	040	* *	5	\$8,000	
Windows Aluminum	100% Now Air Infiltration, Extent: I Location: Throughout Ctrwt/Balnc Not Funct, I Location: Throughout	Moderate, Area A <u>f</u>			5	\$500	
Parapets	• • • • • • • • • • • • • • • • • • • •				_	44.400	
Copper/Terne Masonry: Brick	20% 55% Now Diagonal Cracks, Extent Location: Throughout	\$41,000 L	:047 .IFE .Affecte	** ** ed:5%	5 5	\$1,300 \$700	
	Jnt Mortar Miss/Erod, E. Location: Throughout Spalling, Extent: Modera Location: Inside Parap	ate, Area Affected	-	ffected : 50%			
Masonry: Limestone Metal Cornice	10% 15% Now Corrosion/Rusting, Exter Location: Cornice And	\$5,700 2 at : Moderate, Area		* * * * ted : 30%	5	\$200	
Roof	Location . Cornice And	Baiustrade Intol	ignoui				
Roll Roofing Single Ply Membrane	20% 70% 2-4 Blisters, Extent : Modera Location : Main Roof	\$2,900 2	.020 .027 : 15%	\$10,300 \$29,300	5	\$4,100	
Skylight, Metal/Glass	5% Cracking/Crumbling, Ext Location: Roof		.027 rea Aff	\$91,800 ected : 30%	10	\$2,100	
Skylight, Metal/Glass	5% Now Water Penetration, Exten Location: Throughout Other Observation, Exten Location: Throughout Explanation: Worn An	nt : Severe, Area A					1

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13050

Architecture		Current Repair F		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	Cracking/ Location Uneven Si Location	: 1st Floo urface, Exte : 1st Floo	\$18,600 Extent: Moderate r And Basement ent: Moderate, Are r And Basement Extent: Severe, Are	ea Affecte	ed : 3%	5	\$13,000	
			us Room Floor	a rijjecie	a. 5070			
			orary Posts In Cel	lar To Si	innort Floor			
Ceramic Tile	10%		0.4.71 00.011 00.	2030	**	5	\$1,200	
Quarry Tile	5%			2032	* *	5	\$900	
Vinyl Tile	20%	2-4	\$4,000	2027	\$20,200	3	\$900	
	Cracking/		Extent : Moderate		+ -,	J	4,500	
Wood	15%			2042	* *	5	\$3,400	
Interior Walls								
Ceramic Tile	15%			2030	* *	5	\$2,500	
Gypsum Board	25%			LIFE	* *	5	\$2,500	
Masonry: Brick	25%		\$8,000	LIFE	* *			
			d, Extent : Moderai	te, Area 1	Affected : 10%			
		: Basemer	nt					
Plaster	20%			LIFE	* *	5	\$1,000	
Plywood/Hardboard	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	_	Now	\$700	2040	* *	5	\$900	
		_	ients, Extent : Seve or Various Location		Affected : 10%			
Embossed Metal	Location Broken/M	oed Elemen : Through issing Elen	\$2,600 ts, Extent : Modera out tents, Extent : Seve Apparatus Room			5	\$2,700	
Exposed Concrete			\$7,700 Extent : Severe, A	LIFE rea Affec	* * cted : 15%	5	\$400	
Plaster	10%			LIFE	* *	5	\$700	
Plywood/Hardboard	5%			2047	* *	1	Ψ700	
Site Pavements Public Sidewalk	270			2317		-		
Cast in Place Concrete	100%			2040	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13050

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100% 0-2 \$4,800 Enclosure Corroded, Extent: Moderate Location: Meter Enclosure Is Rusted Suspect Water Damage, Extent: Moder Location: Basement, Main Electrical	In Basement, Main Electric ate, Area Affected : 100% Area	5 val Area	
	Other Observation, Extent : Light, Area Location : Basement, Main Electrical Explanation : 200 Amp			
Raceway	<i>T</i>			
Conduit	30% Now \$9,400 Other Observation, Extent: Severe, Are Location: Basement Explanation: Service Find Box And Se		1 Pusted And Broken	
G = 1-14	Explanation : Service End Box And Se			
Conduit	70% Other Observation, Extent: Moderate, A Location: Basement, Main Electrical Explanation: Pull Box Enclosure Is R	Area Affected : 20% Area	1	
Panelboards				
Molded Case Bkrs Molded Case Bkrs	80% 10% 0-2 \$1,900 Other Observation, Extent : Moderate, A Location : Basement	2035 ** 2035 ** Area Affected : 100%	5 \$100 5	
	Explanation: Panel Enclosure Is Rust	ed		
Molded Case Bkrs	10% Now \$1,900 Covers Missing, Extent : Severe, Area A Location : 1st Floor	2035 ** ffected : 100%	5	
Wiring Braided Cloth	30% 0-2 \$8,300 Insulation Aged, Extent: Moderate, Are Location: Throughout The Building	2052 * * * va Affected : 100%	1	
Thermoplastic	70%	2037 **	1	
Motor Controllers Locally Mounted	100% Other Observation, Extent : Light, Area Location : 1st Floor - Roll Up Gates Explanation : Showing Wear Due To I	2025 \$14,400 Affected: 100%	5	
Ground	7	<u> </u>		
Grounding Devices Generic	100% 4+ \$3,800 Other Observation, Extent: Severe, Are Location: Basement Explanation: Corroded	LIFE ** a Affected : 100%	5 \$100	
Lighting	•			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13050

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	40%	2027	\$7,500	10	\$2,500	
	T-12 Lamps And Fixtures, Extent:	Light, Area Affec	ted : 100%			
	Location : Basement					
Incandescent	10%	2027	\$4,400	2		
	Other Observation, Extent : Light, Area Affected : 100%					
	Location: 1st And 2nd Floor					
	Explanation: 2nd Floor Bunk Ro	oom				
LED	50%	2032	* *			
	Other Observation, Extent: Light,	Area Affected : 1	00%			
	Location: 1st And 2nd Floor					
	Explanation: LED Light Fixtures	s Installed				
Exterior Lighting						
HID	100%	2027	\$25,900	10		
Alarm						
Fire/Smoke Detection						
Generic, Analog	100% Now \$1,4	00 2037	* *	1-3	\$3,800	
	Devices Missing, Extent: Moderate, Area Affected: 100%					
	Location: 2nd Floor					
	Local/Battery Operated Detect, Ext	tent : Light, Area	Affected: 1009	%		
	Location: 2nd Floor					

Mechanical	Current Repa	air	Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2047	* *	1			
Conversion Equipment								
Furnace	40% Now	\$6,100	2037	* *	1	\$1,200		
	Other Observation, Exter	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: 1st Floor							
	Explanation: Unit Past	Useful Life, N	ot Servic	eable				
Radiant Heater	10%		2032	* *	2	\$300		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 1st Floor							
	Explanation : Serves G	ymnasium						
Steam Boiler	50%		2040	* *	1	\$3,400		
Distribution								
Central Plant Steam	100%		2053	* *	4	\$300		
Piping/Pmp								
Terminal Devices								
Convector/Radiator	90%		2032	* *	1	\$2,000		
Unit Heater - Steam	10%		2027	\$2,300	4	\$100		

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13050

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	30%	Now	\$15,600	2037	* *	2	\$100	
-	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	ed: 100%			
	Location	-						
	Explanat	ion : Unit	Past Useful Life, N	ot Servic	reable			
Split Unit	10%			2027	\$13,700			
Window/Wall Unit	40%			2022	\$5,400	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	Other Obs Location	: 2nd Floo	\$20,700 Extent : Severe, Are or en And Missing Ele		* * ed : 75%	2	\$2,700	
No Component	70%							
Heat Rejection	7070							
Dry Cooler	10%			2032	* *	2	\$500	
21, 330.01	Other Obs Location	: 1st Floo	Extent : Light, Area r Units Serve Gymno	Affected	! : 100%	-	φε σσ	
No Common and	90%	ion . spiii	Oniis Serve Gymne	istum				
No Component Ventilation	9070							
Exhaust Fans								
Roof	100%			2032	* *	2	\$200	
Plumbing	10070			2032			Ψ200	
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2025	\$3,900	2	\$100	
	Other Obs	ervation, E	Extent : Light, Area	Affected	· ·			
	Location	: Basemer	ıt					
	Explanat	ion : 2 - 75	5 Gallon Units					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	\$200	4	\$200	
Backflow Preventer					_			
Generic	5%	_		2032	**	1		
			Extent : Light, Area	Affected	! : 100%			
		: Basemer						
		ion : Serve	es Boiler Only					
Generic	95%			2032	* *	1	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1151

FIRE DEPARTMENT - 057 ENGINE CO. 62/LADDER 32

Asset #: 13050

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	100%	2025	\$2,100	1-3	\$4,600	
	Other Observation, Extent : Light, Area	Affected : 100%	ó			
	Location : Kitchen					
	Explanation: Serves Cooking Area					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 63/ LADDER CO. 39

Address : 755 EAST 233RD STREET @ BYRON AVE.

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 7,552 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4997 Lot : 13 BIN : 2068155

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$44,400
Total		\$44,400
Importance Code A		\$44,400
Total		\$44,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				\$4,500
Interior Architecture	\$1,300		\$1,600	\$400
Electrical	\$2,200	\$500	\$600	\$700
Mechanical	\$1,100	\$1,400	\$4,800	\$1,100
Total	\$4,600	\$1,900	\$7,000	\$6,800
Importance Code A	\$400	\$400	\$400	\$5,000
Importance Code B	\$4,200	\$1,500	\$6,600	\$1,800
Importance Code C				
Total	\$4,600	\$1,900	\$7,000	\$6,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13051

rchitecture	Current Repair	Future Replac	ement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
terior						
Exterior Walls				_	*	
Cast in Place Concrete	15%	LIFE	* *	5	\$17,000	
	Other Observation, Extent: Light, Area Location: Throughout	i Affected : 100%				
	Explanation: Recent Construction					
C+ S+/T C-++-	25%	LIFE	* *	5	\$44.400	
Cast Stone/Terra Cotta	Other Observation, Extent : Light, Area		•	3	\$44,400	
	Location: Throughout	i Ajjeciea . 10070				
	Explanation: Recent Construction					
Cement-Fiber Panel	20%	2034	* *	10	\$14,200	
Cement-Piber Faner	Other Observation, Extent : Light, Area			10	\$17,200	
	Location: Throughout	rijjeerea i 10070				
	Explanation: Recent Construction					
Masonry: Brick	30%	LIFE	* *	5	\$6,800	
Wood Overhead Doors	10%	2043	* *	5	\$11,400	
Weda e vermeau Beers	Recent Replace Evident, Extent : Light,		00%		\$11 ,.00	
	Location : Apparatus Floor					
Windows						
Aluminum	100%	2048	* *	5	\$700	
	Recent Construction, Extent: Light, Ar Location: Throughout	ea Affected : 100%	ó			
Parapets						
Cast Stone/Terra Cotta	20%	LIFE	* *	5	\$4,100	
	Recent Replace Evident, Extent : Light, Location : Main Roof	Area Affected: 10	00%			
Masonry: Brick	70%	LIFE	* *	5	\$1,800	
Metal Panel	10%	2052	* *	5	\$1,000	
	Recent Construction, Extent: Light, Ar Location: Main Roof	ea Affected : 100%	ó			
Roof						
Modified Bitumen	90%	2034	* *	10	\$10,800	
	Recent Construction, Extent: Light, Ar Location: Main Roof	ea Affected : 100%	ó			
Skylight, Metal/Glass	10%	2052	* *	10	\$4,000	
, , ,	Recent Installation, Extent: Light, Area Location: Main Roof			-	4)	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13051

Architecture	Current Repair	Future Replacement		M		
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior						
Floors						
Cast in Place Concrete	35%	LIFE	* *	5	\$8,800	
Ceramic Tile	15%	2039	* *	5	\$1,700	
	Recent Installation, Extent: Light, A Location: Throughout	Area Affected : 100%				
Terrazzo	5%	LIFE	* *	5	\$400	
Vinyl Tile	30%	2034	* *	3	\$1,700	
·	Recent Construction, Extent : Light, Location : Throughout	Area Affected : 100%				
Wood	15%	2061	* *	5	\$3,200	
	Recent Replace Evident, Extent : Lig Location : Throughout	ght, Area Affected : 100%				
Interior Walls						
Cast in Place Concrete	15%	LIFE	* *			
Concrete Masonry Unit	20%	LIFE	* *	5	\$1,300	
Gypsum Board	50%	LIFE	* *	5	\$4,700	
	Recent Construction, Extent : Light, Location : Throughout	Area Affected : 100%				
SGFT/Glazed Masonry	15%	LIFE	* *			
Ceilings						
AcousTileSusp.Lay-In	35%	2043	* *	5	\$4,000	
-	Recent Construction, Extent : Light, Location : Throughout	Area Affected : 100%				
Exposed Struc: Steel	15%	LIFE	* *			
•	Recent Construction, Extent : Light, Location : Throughout	Area Affected : 100%				
Gypsum Board	30%	LIFE	* *	5	\$4,300	
	Recent Construction, Extent: Light, Location: Throughout				. ,	
Plaster	20%	LIFE	* *	5	\$1,400	

Electrical	Current Repair	Future Rep	Replacement		Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2052	* *	5	\$200	
	Other Observation, Extent : Light,	Area Affected: 100	%			
	Location: Basement					
	Explanation: 400 Amperes Serv	ice				
Raceway						
Conduit	100%	2046	* *	1		
Panelboards						
Molded Case Bkrs	80%	2042	* *	5	\$200	
Molded Case Bkrs	20%	2034	* *	5		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13051

Electrical	Current Repair		e Replacement	М		
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	100%	2052	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2043	* *	1	\$2,300	
Generators						
Diesel	100%	2029	* *	1	\$2,900	
	Other Observation, Extend		: 100%			
	Location: Building Exte					
	Explanation: 64 Kw Ge.	nerator				
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Main Tank	100%	2041	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	100%	2026	\$20,500	10	\$6,900	
Egress Lighting						
Emergency, Service	50%	2034	* *	1		
Exit, LED	50%	2061	* *	1		
Exterior Lighting						
HID	100%	2034	* *	10		

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Furnace	50%		2031	* *	1	\$1,900	
Hot Water Boiler	50%		2039	* *	1	\$1,900	
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$2,100	
Hot Wtr Piping/Pump	50%		2042	* *	4	\$200	
Terminal Devices							
Convector/Radiator	95%		2039	* *	1	\$2,300	
Fan Coil Unit/Heat	5%		2031	* *	1	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13051

Mechanical		Current Repair Future Repla		Replacement	M	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment	000/		2021	* *	2	Φ.5.0.0	
Ext Pkg Unit - Heating/Cooling	98%		2031	* *	2	\$500	
Heating/Cooming	Other Obs	ervation, Extent : Light, Ared	a Affected :	100%			
	Location		a rijjeereu .	100,0			
		tion : R410a					
Split Unit	2%		2031	* *			
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$9,800	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans	100/		2021		2		
Interior	10%		2031	* *	2	#200	
Roof	90%		2031		2	\$200	
Plumbing H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
Water Heater	10070						
Gas Fired	100%		2024	\$4,300	2	\$100	
	Other Obs	ervation, Extent : Light, Ared	a Affected :	100%			
	Location	: Basement					
	Explana	tion: 2 - 75 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/		T TEE	* *			
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s) Submersible	100%		2020	\$200	4	\$200	
Submersible		ervation, Extent : Light, Ared			4	\$200	
		: Basement	и пуресней.	10070			
		tion : 2 Duplex Units					
Backflow Preventer	_F						
Generic	100%		2031	* *	1	\$500	
Fixtures						•	
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	70%						
Generic	30%		2046	**	1-2	\$600	
		ervation, Extent : Light, Area	a Affected :	100%			
		: Basement					
Chaminal Cartain	Explana	tion : Serves Basement Only					
Chemical System Generic	100%		2024	\$1,900	1-3	\$3,700	
Generic	100%		ZUZ 4	\$1,900	1-3	\$5,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 64

Address : 1214 CASTLE HILL AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.064 / 13052 Yr Built/Renovated : 1912 /

Area Sq Ft : 4,050 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3821 Lot : 7 BIN : 2094871

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$50,400	\$70,500
Interior Architecture		\$43,500
Total	\$50,400	\$113,900
Importance Code A	\$50,400	\$70,500
Importance Code C		\$43,500
Total	\$50,400	\$113,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
		F1 2020	FT ZUZI	F1 2022
Exterior Architecture	\$23,800			
Interior Architecture	\$30,000	\$400	\$800	
Electrical	\$100			
Mechanical	\$31,300	\$600	\$3,300	\$600
Total	\$85,100	\$1,000	\$4,100	\$600
Importance Code A	\$48,300	\$400	\$400	\$400
Importance Code B	\$30,700	\$600	\$2,900	\$200
Importance Code C	\$6,100		\$800	
Total	\$85,100	\$1,000	\$4,100	\$600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 64

Asset #: 13052

Architecture	Currer	nt Repair	Future Replacement		ent Maintenance		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	7.50/ 0.0	Ф 7 0.400	LIEE	* *	-	Φ1.6.700	
Masonry: Brick		\$50,400 rod, Extent : Light, A ghout All Facades	LIFE rea Affect		5	\$16,700	
Masonry: Granite	Location : Corne Jnt Mortar Miss/E.	\$13,200 ng, Extent : Light, Ard ers Of Building Base rod, Extent : Light, A ghout The Building B	rea Affect		5	\$800	
Masonry: Limestone	10%		LIFE	* *	5	\$1,700	
Wood Overhead Doors	10%		2028	\$70,500	5	\$11,200	
Windows							
Aluminum	100% Now Unit Inoperable, E Location: Throu	\$10,600 Extent : Moderate, Are ghout	2039 ea Affected	* * d : 25%	5	\$400	
Parapets							
Masonry: Brick	80%		LIFE	* *	5	\$1,400	
Masonry: Limestone	10%		LIFE	* *	5	\$200	
Metal Cornice	10%		2038	* *	10	\$600	
Roof Modified Bitumen	100%		2028	\$33,000	10	\$5,700	
terior	10070		2028	\$33,000	10	\$3,700	
Floors							
Cast in Place Concrete	Location : Basen Other Observation Location : Appar	, Extent : Severe, Are	a Affected	l : 100%	5 Shored	\$4,000 <i>Up From</i>	
Ceramic Tile	5% Now	\$1,200	2032	* *	5	\$200	
Ceranne The	Broken/Missing El	ements, Extent : Mod loor Bathrooms, Cap	erate, Are		3	\$200	
Quarry Tile	Location : Kitche	\$900 ng, Extent : Light, Ard en	2036 ea Affecte	* * d : 5%	5	\$500	
Vinyl Tile	50%		2023	\$25,700	3	\$1,100	-
Wood	5% 0-2 Worn/Eroded, Exte Location : 2nd F	\$3,000 ent : Moderate, Area loor T V Room	2051 Affected :	**	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13052

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%			2026	\$43,500	5	\$1,600	
Gypsum Board	25%			LIFE	* *	5	\$1,600	
Masonry: Brick	15%	Now	\$6,100	LIFE	* *			
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	: Basemen	t Of Engine Co. 64	!				
Masonry: Brick	30%			LIFE	* *			
Plaster	15%			LIFE	* *	5	\$500	
Ceilings								
AcousTileSusp.Lay-In	20%			2028	\$9,800	5	\$1,200	
Embossed Metal	70%	0-2	\$7,400	LIFE	* *	5	\$1,900	
		ssing Elem : Apparati	ents, Extent : Light us Floor	t, Area A	ffected : 5%			
		s Fasteners : Apparati	s, Extent : Light, Ar us Floor	rea Affec	ted : 5%			
Exposed Concrete	Loose/Deld	Now am Surface : Basemen	\$1,900 c, Extent : Moderate	LIFE e, Area A	* * Affected : 20%	5	\$100	

Electrical	Current Repair	Future Repla	Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		
	Other Observation, Extent : M	Ioderate, Area Affected : I	100%			
	Location: Basement					
	Explanation: One 400 Amp	eres Main Disconnect Swi	tch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2043	* *	5	\$100	
Raceway						
Conduit	100%	2043	* *	1		
Panelboards						
Fused Disc Sw	10%	2039	* *	5		
Molded Case Bkrs	90%	2039	* *	5	\$100	
Wiring						
Thermoplastic	100%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2036	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13052

Electrical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	est Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting						
Interior Lighting						
Fluorescent	100%	2028	\$11,000	10	\$3,700	
	Other Observation, Extent: Moderate	te, Area Affed	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Service	60%	2028	\$1,200	1		
Emergency, Battery	10%	2028	\$500	10	\$100	
Exit, Service	30%	2028	\$100	1		
Exterior Lighting						•
HID	100%	2028	\$15,300	10		

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	\$1,300	
Conversion Equipment								
Steam Boiler	100%		\$24,500	2043	* *	1	\$3,600	
	Obsolete I	Equipment,	Extent : Moderate	, Area A <u>f</u>	fected : 100%			
	Location	: Basemen	t					
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Basemen	t					
	Explana	tion : One	Unit					
Distribution								
Central Plant Steam	100%			2033	* *	4	\$200	
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%			2028	\$20,300	1	\$1,300	
ir Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2019	\$3,900	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	50%			2028	\$18,000	1	\$700	
No Component	50%							
Heat Rejection								
Air Cooled Condenser	50%			2023	\$1,900	2	\$1,400	
Unit								
No Component	50%							
entilation								
Exhaust Fans								
Interior	100%			2023	\$13,500	2	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13052

echanical		Current Rep	air	Futur	e Replacement	М	aintenance	
vstem Component Type		ail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galvanized Steel	90%			2028	\$15,000	1		
Water Heater								
Gas Fired	100%			2021	\$2,300	2	\$100	
Sanitary Piping								
Cast Iron	100%	Now	\$1,400	LIFE	* *	1		
	Leak Eviden	t, Extent : M	loderate, Area A	Affected :	10%			
	Location:	Bathroom S	hower In 2nd F	loor				
Storm Drain Piping								
Cast Iron	100%	Now	\$800	LIFE	* *	1		
	Blockage /Cl	logged, Exte	nt : Moderate, A	Area Affe	ected : 10%			
	Location:	Basement W	hen It Rains					
Sump Pump(s)								
Submersible	100%			2019	\$100	4	\$100	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 65

Address : 33 WEST 43RD STREET BTWN 5TH AVE. - 6TH AVE.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,918 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Feb-2013 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,3,4

Block : 1259 Lot : 18 BIN : 1076256

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$81,000	\$40,100
Total	\$81,000	\$40,100
Importance Code A	\$81,000	\$40,100
Total	\$81,000	\$40,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,700			
Interior Architecture	\$19,900			\$500
Electrical	\$300	\$200	\$200	\$2,100
Mechanical	\$6,700	\$1,100	\$1,400	\$3,700
Total	\$63,600	\$1,300	\$1,600	\$6,300
Importance Code A	\$37,300	\$600	\$600	\$600
Importance Code B	\$26,300	\$700	\$1,000	\$5,700
Importance Code C				
Total	\$63,600	\$1,300	\$1,600	\$6,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13053

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	- 00/				* *	_	01-000	
Masonry: Brick	50%	0.2	ФО1 ООО	LIFE	**	5	\$15,300	
Masonry: Limestone		0-2 r Miss/Erod : Front Fa	\$81,000 d, Extent : Moderai acade	LIFE te, Area 1	Affected : 15%	5	\$9,200	
Metal Coiling Doors	10%			2044	* *	5	\$9,600	
	Recent Re	place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%		. ,	
Windows								
Wood		place Evide : Through	ent, Extent : Light, out	2049 Area Aff	* * ected : 100%	5	\$14,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,200	
Masonry: Brick		0-2 r Miss/Eroc : Through	\$24,800 d, Extent : Moderat out	LIFE te, Area 1	* * Affected : 25%	5	\$1,400	
Roof								
Modified Bitumen	100%			2024	\$40,100	10	\$6,300	
nterior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$4,300	
	-	place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%			
Cast in Place Concrete	25%			LIFE	* *	5	\$5,400	
Ceramic Tile	5%			2033	* *	5	\$500	
Quarry Tile		0-2 Crumbling, : Through	\$3,100 Extent : Light, Ard out	2037 ea Affect	* * ed : 10%	5	\$700	
Vinyl Tile	40%			2034	* *	3	\$2,000	
,	-	place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%		¥ ,,	
Interior Walls								
Ceramic Tile	10%			2033	* *	5	\$1,800	
Masonry: Brick	25%			LIFE	* *			
Plaster	40%			LIFE	* *	5	\$2,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13053

Architecture		Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%	0-2	\$1,800	2029	* *	5	\$1,000	
	Cracking/C	Crumbling,	Extent : Light, Are	ea Affecto	ed : 10%			
	Location	: Througho	out					
Embossed Metal	55%	4+	\$6,600	LIFE	* *	5	\$2,500	
	Paint Peeli	ng, Extent	: Severe, Area Aff	ected : 50	0%			
	Location	: Througho	out					
Exposed Struc: Steel	15%			LIFE	* *			
Masonry: Infill Arch	10%	Now	\$8,000	LIFE	* *			
•	Other Obse	ervation, E	xtent : Severe, Are	a Affecte	ed : 100%			
	Location	: Cellar						
	Explanat	ion : Struct	urally Insufficient					

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2034	* *	5		
	Other Observation	n, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Elect	rical Room					
	Explanation: O	ne 200 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2034	* *	5	\$200	
Raceway							
Conduit	95%		2034	* *	1		
Conduit	5%		2050	* *	1		
Panelboards							
Fused Disc Sw	5%		2032	* *	5		
Molded Case Bkrs	65%		2032	* *	5	\$100	
Molded Case Bkrs	30%		2046	* *	5		
Wiring							
Thermoplastic	40%		2050	* *	1		
Thermoplastic	60%		2034	* *	1		
Motor Controllers							
Locally Mounted	50%		2029	* *	5		
Locally Mounted	50%		2041	* *	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Stand-by Power							
Transfer Switches							
Automatic	100%		2029	* *	1	\$1,800	
Liohting						. ,	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13053

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	63%	2024	\$11,000	10	\$3,400	
	T-8 Lamps And Fixtures, Extent: Me	oderate, Area A	ffected : 100%			
	Location: Throughout The Building	ig				
Fluorescent	35%	2032	* *	10	\$1,900	
	T-8 Lamps And Fixtures, Extent: Me	oderate, Area A	ffected : 100%			
	Location: Basement And 1st Floor					
Incandescent	2%	2024	\$800	2		
Exterior Lighting						
HID	100%	2024	\$24,400	10		
Machanical	Current Renair		Ponlacoment		aintenance	

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		
	Recent Replace Evider	ıt, Extent : Light, Ar	ea Affe	ected : 100%			
	Location : Cellar						
Conversion Equipment							
Steam Boiler	100%	=	2037	* *	1	\$5,900	
	Other Observation, Ex	tent : Light, Area Aj	ffected	: 100%			
	Location: Basement						
	Explanation: 1 Gas	Fired Steam Boiler					
Distribution							
Central Plant Steam	70%	-	2034	* *	4	\$200	
Piping/Pmp							
Central Plant Steam	30%		2050	* *	4	\$100	
Piping/Pmp							
	Other Observation, Ex	tent : Moderate, Are	ea Affe	cted : 30%			
	Location : Basement						
	Explanation : Water	Hammering Issues I	Probab	oly Due To Poorly	Pitched S	Steam Piping	
Terminal Devices							
Convector/Radiator	100%		2029	* *	1	\$1,900	
ir Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Split Unit	10%	=	2032	* *			
Window/Wall Unit	30%	-	2019	\$3,800	1		
No Component	60%						
entilation							
Distribution							
Ductwork/Diffusers	55%	I	LIFE	* *	2-5	\$1,800	
No Component	45%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 65

Asset #: 13053

Mechanical	Cu	urrent Repair	Futu	re Replacement	M	aintenance		
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ventilation								
Exhaust Fans								
Interior	35%		2029	* *	2	\$100		
Roof	25% N	* * * *	2029	* *	2			
		ig, Extent : Moderate, Ar						
	Location : Re	Roof, Mechanical And Or	Electrica	l Deficiencies				
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%		2050	* *	1			
		lation, Extent : Light, Are		l : 10%				
	Location: Be	Basement, Newly Installed	d Main					
Brass/Copper	90% N	Now \$800	2044	* *	1			
Booster Pump w/Tank, Extent : Moderate, Area Affected : 100%								
	Location : Be	Basement, 1 Of 2 Booster	Pumps W	ith Defective Pump	Seals			
Water Heater								
Gas Fired	100%		2023	\$3,700	2	\$100		
	Recent Replac	ce Evident, Extent : Light	t, Area Aff	ected : 100%				
	Location : C	Cellar						
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping								
Cast Iron	100% N	Now \$600	LIFE	* *	1			
	Blockage /Clo	ogged, Extent : Moderate	, Area Aff	ected : 50%				
	Location: P	Probable Clogged Or Cra	icked Rooj	f Drain Piping At N	lortheast	Corner Of Roof.		
	The Affected	l Area On The Roof Is Cr	eating Wo	iter Damage On Fl	oor Belo	w		
Backflow Preventer								
Generic	100%		2032	* *	1	\$400		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%		2022	\$2,100	1-3	\$4,000		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 66 / LADDER CO. 61

Address : 21 ASCH LOOP W.

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.066 / 13054 Yr Built/Renovated : 1973 /

Area Sq Ft : 8,320 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5141 Lot : 103 BIN : 2072355

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$61,100
Interior Architecture		\$42,300
Mechanical		\$37,500
Total		\$140,900
Importance Code A		\$61,100
Importance Code B		\$79,800
T		24.40.200

Total \$140,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,100		\$2,800	
Interior Architecture	\$4,300			\$1,400
Electrical	\$10,400	\$600	\$23,600	\$600
Mechanical	\$67,200	\$700	\$2,400	\$700
Total	\$91,000	\$1,300	\$28,800	\$2,700
Importance Code A	\$9,500	\$400	\$3,200	\$400
Importance Code B	\$81,500	\$900	\$25,600	\$1,800
Importance Code C			·	\$500
Total	\$91,000	\$1,300	\$28,800	\$2,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13054

rchitecture		Current Rep	air	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Exterior Walls								
Alum/Vinyl Siding	15%			2043	* *	10	\$800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$600	
Masonry: Brick	70%			LIFE	* *	5	\$12,600	
Metal Sect. OHD	10%			2036	* *	5	\$5,600	
Parapets								
Metal Rail		Now	\$3,000	2036	**	5	\$16,100	
				erate, Ar	rea Affected : 10%			
		: Plexiglass P						
			nt : Light, Area	Affected	! : 100%			
		: Throughout		_	_			
D 6	Explana	ion : Metal Ra	iil With Plexigl	ass Pane	ls			
Roof	100/			2026	#4.000	1.0	#200	
Asphalt Shingle	10%	2.4	AC 100	2026	\$4,000	10	\$200	
Modified Bitumen	90%	2-4	\$6,100	2023	\$61,100			
			oderate, Area A	ffected :	5%			
		: Seams Throi	_	1 50/				
			ite, Area Affect	ed:5%				
	Location	: Throughout						
erior								
Floors	500/			LIEE	* *	_	¢12 (00	
Cast in Place Concrete Ceramic Tile	50% 5%			LIFE 2032	* *	5 5	\$13,600 \$600	
Terrazzo	5% 5%			LIFE	* *	5	\$500 \$500	
Vinyl Tile	40%			2028	\$42,300	3	\$2,500	
Interior Walls	7070			2028	ψ 1 2,300		\$2,500	
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2032	* *	5	\$1,000	
Concrete Masonry Unit	15%			LIFE	* *	5	\$1,200	
Concrete Masonry Onit		racks Extent ·	Moderate, Are		od · 2%	3	\$1,200	
		: 2nd Floor	1,100,00,000,11,10	ci 1 199 c c i c				
Plaster	35%			LIFE	* *	5	\$2,100	
Plaster Plywood/Hardboard	33% 2%			LIFE	* *	3	\$2,100	
SGFT/Glazed Masonry	38%			LIFE	* *			
501-1/Otazeu Wasuilfy		ervation Exten	nt : Light, Area					
		ervation, Exter : Apparatus R		1 syecieu	. 1/0			
				oor To C	eiling Near House	Watch		
Ceilings	Блрини	ion . renicul	Cruck From Ft	<i>551 10 C</i>	came from fromse	, raich		
AcousTileSusp.Lay-In	5%			2028	\$5,000	5	\$600	
Exposed Concrete	45%			LIFE	\$5,000 * *	5	\$900 \$900	
Gypsum Board	5%			LIFE	* *	5	\$800	
Plaster	45%	Now	\$3,700	LIFE	* *	5	\$3,500	
1 143101			\$5,700 s, Extent : Seve			5	φ5,500	
		_			pparatus Room Be	ams And	Ceiling	
			tent : Severe, A			como inu		
			leni . Severe, A Ifficer Bathrooi					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13054

Electrical	Current Repair	Future	Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2033	* *	5	\$200	
	Other Observation, Extent : Light, Area	ı Affected :	100%			
	Location: Basement					
	Explanation: 300 Amperes Circuit Bi	reaker In N	Iain Distribution	Panel		
Switchgear / Switchboard			4. 4.	_		
Molded Case Bkrs	100%	2033	* *	5	\$200	
Raceway	0.70/		4. 4.			
Conduit	95%	2033	* *	1		
Conduit	5%	2049	* *	1		
Panelboards				_		
Molded Case Bkrs	95%	2031	**	5	\$200	
	Other Observation, Extent : Moderate,		ted : 10%			
	Location : Basement, Main Electrical					
	Explanation : Communication Panel I Not Insulated	Door Is Mi	ssing. Some Wire	s Are No	ot Terminated And	
Molded Case Bkrs	5%	2045	* *	5		
Wiring						
Thermoplastic	95%	2033	* *	1		
Thermoplastic	5%	2049	* *	1		
Motor Controllers						
Locally Mounted	49%	2021	\$8,200	5		
	Other Observation, Extent : Light, Area	ı Affected :	100%			
	Location : Basement					
	Explanation: Showing Wear Due To	Regular U	sage			
Locally Mounted	49%	2021	\$8,200	5		
	Other Observation, Extent: Light, Area	ı Affected :	100%			
	Location: 1st Floor - Roll Up Gate					
	Explanation: Showing Wear Due To	Regular U	sage			
Locally Mounted	2% Now \$300	2043	* *	5		
•	Not Functioning, Extent : Light, Area A	ffected : 1	00%			
	Location: Roof					
	Other Observation, Extent: Severe, Are	ea Affected	: 100%			
	Location: Roof					
	Explanation: Air Conditioning Unit I	s Rusted				
Ground						
Grounding Devices						
Generic	100% Now \$9,500	LIFE	* *	5	\$100	
	Other Observation, Extent : Severe, Are	ea Affected	: 100%			
	Location: Basement					
	Explanation: Grounding Is Missing					
Stand-by Power						

Stand-by Power

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13054

Current Repair	Future Replacement Maintenance				
% of Fail Date Estimated Cost Total (Years)	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
			1	\$2,600	
	a Affected : 10	0%			
_	a Affected: 100	0%			
Explanation : Could Not Locate Labe	l To Obtain Si	ze			
1000/	2026	* *	1	Ф2 200	
			1	\$3,200	
	а Ађества : 10	0%			
Location : Exterior					
1000/	2059	* *	_	#200	
			3	\$200	
	a Ajjeciea : 100	J70			
	aton Dollar				
Explanation: Mounted in The General	шог вену				
80%	2031	* *	10	\$6,100	
		1 : 100%	10	\$0,100	
	, 11. 00. 11,500.00				
<u></u>	2023	\$2.300	10	0082	
			10	\$800	
	, meangeciei	1. 10070			
	a Affected · 10	2%			
_	i rijjecica . 100	370			
	Regular Usaga	9			
			2		
		-	2		
_		570			
		,			
Especiation . Storning from Due 10	Lighter Osuge	*			
90%	2031	* *	1		
		\$400			
20.0		Ψίου			
40%	2031	* *	10	\$300	
		* *		4200	
20%	2031	* *	2		
	100% Recent Installation, Extent: Light, Area Location: Basement Other Observation, Extent: Light, Area Location: Basement Explanation: Could Not Locate Laber 100% Recent Installation, Extent: Light, Area Location: Exterior 100% Other Observation, Extent: Light, Area Location: Exterior Explanation: Mounted In The General Resplanation: Mounted In The General Location: Throughout 10% T-8 Lamps And Fixtures, Extent: Light Location: 1st Floor - Kitchen Other Observation, Extent: Light, Area Location: Ist Floor - Kitchen Explanation: Showing Wear Due To 10% Other Observation, Extent: Light, Area Location: 1st Floor Gymnasium And Explanation: Showing Wear Due To 90% 10% 40% 40%	100% 2040 Recent Installation, Extent: Light, Area Affected: 10cation: Basement Other Observation, Extent: Light, Area Affected: 10cation: Basement Explanation: Could Not Locate Label To Obtain Size 100% 2036 Recent Installation, Extent: Light, Area Affected: 10cation: Exterior 100% 2058 Other Observation, Extent: Light, Area Affected: 10cation: Exterior Explanation: Mounted In The Generator Belly 80% 2031 T-8 Lamps And Fixtures, Extent: Light, Area Affected: Location: Throughout 10% 2023 T-8 Lamps And Fixtures, Extent: Light, Area Affected: Location: 1st Floor - Kitchen Other Observation, Extent: Light, Area Affected: 10cation: 1st Floor - Kitchen Explanation: Showing Wear Due To Regular Usage 10% 2023 Other Observation, Extent: Light, Area Affected: 10cation: 1st Floor Gymnasium And 2nd Floor Explanation: Showing Wear Due To Regular Usage 10% 2023 90% 2031 10% 2023	100% 2040 ** Recent Installation, Extent : Light, Area Affected : 100% Location : Basement	100% 2040 ** 1	No f Fail Date Estimated Cost FY Estimated Cost Cycle (Yrs)

Mechanical	Current R	Repair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13054

Mechanical		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2036	* *	1	\$4,100	
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	\$600	
Terminal Devices	000/			2020	#27.500	1	#2 400	
Convector/Radiator	90%			2028	\$37,500	1	\$2,400	
Unit Heater - Steam	10%			2023	\$2,800	4	\$100	
Air Conditioning								
Energy Source Electricity	100%			2039	* *	1		
Conversion Equipment	10070			2039		1		
Exterior Pkg Unit - Cooling	35%	Now	\$22,100	2033	* *	2	\$100	
Cooling	Other Obs	ervation F	Extent : Severe, Are	a Affecte	ed · 100%			
	Location		stient . Severe, inc	u rijjeere	. 100/0			
			Disassembled With	Severel [.]	y Damaged Or Mis	sing Cor	nponents	
Window/Wall Unit	50%		o isassemerea (, iii.	2019	\$8,100	1	poes	
No Component	15%			2017	ψ0,100	1		
Distribution	1370							
Ductwork/Diffusers	Other Obs	Now ervation, E : 2nd Floo	\$31,100 Extent : Severe, Are	LIFE a Affecte	* * ed : 75%	2	\$3,800	
	Explanat	ion : Duct	work Severely Dan	aged An	d Missing Compon	ents		
No Component	65%				0 1			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,600	
Exhaust Fans								
Roof	100%			2023	\$12,900	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	50%			2019	\$2,400	2	\$100	
Gas Fired		Now	\$2,400	2023	\$2,400	2		
			: Severe, Area Affe	ected : 10	00%			
G P	Location	: Tank In	basement					
Sanitary Piping	1000/			LIDD	* *	1		
Cast Iron	100%			LIFE	-1- A	1		
Storm Drain Piping Cast Iron	100%			LIDD	* *	1		
	100%			LIFE	. · · ·	1		
Sump Pump(s) Non-Submersible	50%			2023	\$600	4	\$100	
Submersible	50%			2023	\$100		\$100 \$100	
Submersible	30%			2019	\$100	4	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 66 / LADDER CO. 61

Asset #: 13054

Mechanical	Current Repair	Future Replacement	Maintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority					
Plumbing									
Backflow Preventer									
No Component	95%								
Generic	5%	2028 \$100	1						
	Other Observation, Extent : Light, Area	a Affected : 100%							
	Location: Basement								
	Explanation: Serves Boiler Only								
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
No Component	85%								
Generic	15%	2033 **	1-2 \$300						
	Other Observation, Extent : Light, Area	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement								
	Explanation: Connected To Domestic	: Water / Serves Half Of Ba	sement						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 67

Address : 518 WEST 170th STREET @ AUDUBON AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.067 / 13055 Yr Built/Renovated : 1898 /

Area Sq Ft : 5,904 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jul-2012 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 2126 Lot : 34 BIN : 1063024

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$35,400
Electrical	\$42,100	\$53,300
Mechanical		\$39,000
Total	\$42,100	\$127,800
Importance Code A		\$74,500
Importance Code B	\$42,100	\$53,300
Total	\$42.100	\$127,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,200			
Interior Architecture	\$24,000	\$100	\$300	
Electrical	\$12,800	\$500	\$500	\$500
Mechanical	\$19,900	\$800	\$5,100	\$800
Total	\$68,900	\$1,400	\$5,900	\$1,300
Importance Code A	\$14,200	\$600	\$600	\$600
Importance Code B	\$45,100	\$800	\$5,300	\$700
Importance Code C	\$9,600			
Total	\$68,900	\$1,400	\$5,900	\$1,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13055

Architecture		Current I	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$27,900	
Masonry: Limestone	5%			LIFE	**	5	\$1,200	
Wood	2%			2028	\$35,400	5	\$3,100	
Wood Overhead Doors	3%			2028	\$32,000	5	\$4,600	
Windows	1000/	M	¢c 000	2020	* *	-	\$900	
Aluminum		Now	\$6,900 ct, Extent : Moderc	2039		5	\$800	
		nc Noi Fun i : Through		не, Агеа	Affected . 20%			
Domonata	Locuiton	i . Through	Ош					
Parapets Masonry: Brick	95%			LIFE	* *	5	\$1,700	
Wood Cornice	5%			2043	* *	5-10	\$1,700	
Roof	370			2043		3-10	Ψ1,200	
Asphalt Shingle	5%			2026	\$1,100	10		
Roll Roofing	93%			2024	\$23,800	5	\$8,800	
Skylight, Metal/Glass	2%	0-2	\$900	2023	\$18,300	C	\$0,000	
3 8 ,			xtent : Light, Area		·			
	Location	a : 3rd Floo	r Training Room					
nterior								
Floors								
Cast in Place Concrete		Now	\$2,500	LIFE	* *	5	\$4,900	
	_	_	Extent: Moderate	, Area A	ffected : 15%			
	Location	i : Basemen	t					
Quarry Tile	5%			2036	* *	5	\$600	
Vinyl Tile	10%			2023	\$6,900	3	\$300	
Wood	55%	4+	\$7,400	2051	* *	5	\$3,800	
			Extent : Light, Are	a Affecte	ed : 10%			
	Location	: Through	out					
Interior Walls			*			_	*	
Gypsum Board	25%		\$600	LIFE	**	5	\$1,700	
	_	_	Extent: Light, Are	ea Affect	ed: 10%			
		: Through						
Masonry: Brick	5%		\$7,300	LIFE	* *			
			Extent : Moderate	e, Area A	ffected : 30%			
		: Through		4 66	. 1 200/			
			xtent : Moderate, A	Area Affe	ected : 20%			
		: Through						
Plaster	35%		\$1,700	LIFE	**	5	\$1,200	
	_	_	Extent: Light, Are	ea Affect	ed: 10%			
		: Through	out					
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$2,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13055

Architecture	Current Rep	oair	Future R	Replacement	М	aintenance		
System Component Type	% of Fail Date E. Total (Years)	stimated Cost	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior								
Ceilings								
AcousTileSusp.Lay-In	35% Now	\$2,300	2028	\$23,000	5	\$1,300		
	Cracking/Crumbling, Ex	ctent : Moderate	, Area Affec	eted : 20%				
	Location: Throughout							
Embossed Metal	30% 0-2	\$2,100	LIFE	* *	5	\$1,000		
	Deformed/Dented, Extent: Light, Area Affected: 10%							
	Location : Throughout							
Plaster	35%		LIFE	* *	5	\$1,600		
	Cracking/Crumbling, Ex	ctent : Light, Are	ea Affected :	: 10%				
	Location : Throughout							
	Water Penetration, Exte	nt : Light, Area	Affected : 1	0%				
	Location: Throughout							

Electrical	Current Repair	r Futui	re Replacement	М	aintenance				
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%	2023	\$5,300	5					
	Enclosure Corroded, Extent: Moderate, Area Affected: 50%								
	Location: Basement								
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Basement								
	Explanation: 200 Amper	es							
Switchgear / Switchboard									
Molded Case Bkrs	100%	2023	\$53,300	5	\$200				
Raceway									
Conduit	20%	2023	\$6,800	1					
Conduit	80%	2033	* *	1					
Panelboards									
Molded Case Bkrs	80%	2022	\$33,600	5	\$100				
Molded Case Bkrs	20%	2022	\$8,400	5					
Wiring									
Braided Cloth	20% 0-2	\$6,100 2048	* *	1					
	Insulation Aged, Extent : M		ed : 100%						
	Location: Basement, 1st	Floor, 2nd Floor							
Thermoplastic	80%	2033	* *	1					
Motor Controllers									
Locally Mounted	100%	2028	\$15,700	5					
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$100				
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%						
	Location: Basement								
	Explanation : Water Main	n							
Stand-by Power	zapiananon : maci mun	•							

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. $Estimates\ are\ rounded\ to\ the\ nearest\ hundred\ dollars.$

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13055

Electrical	Current Repair	Futur	Future Replacement Maintenance					
System Component Type	% of Fail Date Estimated Co Total (Years)	year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Stand-by Power								
Transfer Switches								
Automatic	100%	2040	* *	1	\$1,800			
Generators								
Diesel	100%	2036	* *	1	\$2,300			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Back Yard							
	Explanation : Not Accessible - Rat	ing Unvailal	ole					
Batteries	1000/	2010	¢1. (00	-	#200			
Lead/Acid	100%	2019	\$1,600	5	\$200			
Fuel Storage	20%	2045	* *	5	¢200			
Day Tank	20% Other Observation, Extent : Modera	2045		3	\$200			
	Location : Basement	іе, Агей Ајје	ciea . 100%					
	Explanation: 171 Gallons							
M T L		2051	* *	-	¢100			
Main Tank	80%	2051		5	\$100			
	Other Observation, Extent : Modera Location : Basement	ie, Area Ajje	ciea : 100%					
	Explanation : 495 Gallons							
Lighting	Explanation: 495 Gations							
Interior Lighting								
Fluorescent	78%	2023	\$13,600	10	\$4,200			
Tuorescent	Other Observation, Extent : Modera			10	Ψ1,200			
	Location : Throughout	33						
	Explanation: T-8 Lamps							
Fluorescent	20%	2019	\$3,500	10	\$1,100			
Tuorescent	Other Observation, Extent : Modera			10	ψ1,100			
	Location : Throughout	.0, 11.00.11,50						
	Explanation: T-12 Lamps							
Incandescent	2%	2023	\$800	2				
Egress Lighting	270	2023	ψ000					
Exit, Service	50%	2023	\$400	1				
Exit, Battery	50%	2023	\$1,200	10	\$200			
Exterior Lighting	5070	2023	Ψ1,200	10	Ψ200			
LACTOI LIGHTING		2023						

Mechanical		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2043	* *	5	\$1,800	
Conversion Equipment								
Steam Boiler	100%	Now	\$2,000	2028	\$39,000	1	\$5,300	
	Corroded,	Extent : M	oderate, Area Affe	cted : 10	0%			
	Location	: Boiler R	oom					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13055

Mechanical		Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution	1000/			2022	* *	4	#200	
Central Plant Steam Piping/Pmp	100%			2033	<i>~</i> ~	4	\$300	
Terminal Devices	1000/			• • • •	***		44.000	
Convector/Radiator	100%			2028	\$32,300	1	\$1,900	
Air Conditioning								
Conversion Equipment	1000/			2010	¢12 (00			
Window/Wall Unit	100%			2019	\$12,600	1		
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2.5	\$3,300	
Exhaust Fans	100%			LIFE		2-5	\$3,300	
Exnaust Fans Wall Unit	100%			2023	\$2.100	2	\$200	
	100%			2023	\$2,100	2	\$200	
Plumbing								
H/C Water Piping Galvanized Steel	100%			2028	\$26,500	1		
Water Heater	10070			2028	\$20,300	1		
Gas Fired	100%			2021	\$3,700	2	\$100	
	10070			2021	\$3,700		\$100	
Sanitary Piping Cast Iron	100%	Now	\$4,400	LIFE	* *	1		
Cast Iron			лана, 100 Moderate, Area I		10%	1		
		: Basement	Toucruic, Tirea I	турсскей.	10/0			
Storm Drain Piping								
Cast Iron	100%	Now	\$600	LIFE	* *	1		
cust from			Aoderate, Area		- 5%	•		
		: 1st Floor, 1		33				
Sump Pump(s)								
Non-Submersible	100%			2023	\$900	4	\$200	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 68/LADDER CO. 49

Address : 1160 OGDEN AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.068 / 13056 Yr Built/Renovated : 1979 /

Area Sq Ft : 10,220 Project Type : FIRE DEPARTMENT

Date of Survey : 02-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2514 Lot : 56 BIN : 2003268

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$156,200	
Interior Architecture		\$6,500
Electrical		\$141,500
Total	\$156,200	\$147,900
Importance Code A	\$156,200	
Importance Code B		\$147,900
Total	\$156,200	\$147,900

\$22,900 \$4,200	\$5,900 \$700	\$2,600	\$500 \$52,500
		*	*
\$22,900	\$2,400	\$300	2200
\$22,000	\$2,400	\$500	¢500
\$27,000	\$8,900	\$3,100	\$53,000
\$2,300	\$1,300	\$2,300	\$50,100
\$800	\$2,600	\$800	\$2,800
\$1,700	\$3,100		\$100
\$22,300	\$1,900		
FY 2019	FY 2020	FY 2021	FY 2022
	\$22,300 \$1,700 \$800 \$2,300 \$27,000	\$22,300 \$1,900 \$1,700 \$3,100 \$800 \$2,600 \$2,300 \$1,300 \$27,000 \$8,900	\$22,300 \$1,900 \$1,700 \$3,100 \$800 \$2,600 \$800 \$2,300 \$1,300 \$2,300 \$27,000 \$8,900 \$3,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13056

rchitecture		Current Repair		Futur	e Replacement	Maintenance		
rstem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Concrete Masonry Unit	Location Jnt Morta	Crumbling, E. : At Overhea r Miss/Erod, I	\$77,000 xtent : Light, Ard d Doors And 2n Extent : Modera	d Floor I	Front	5	\$11,700	
D.: 1		: Throughou	t	T TEE	* *		#2.500	
Masonry: Brick	15%			LIFE	* *	5	\$3,500	
Metal Sect. OHD	5%			2040		5	\$3,700	
Windows Aluminum	Location Broken/M	ution, Extent : : Throughou issing Elemen		erate, Ar	* * l : 40% ea Affected : 80%	5	\$600	
	Glazing B	roken/Cracke		erate, Are	ea Affected : 2% ch Room			
Parapets Cast Stone/Terra Cotta	Cracking/	Now Crumbling, E.	\$2,400 xtent : Moderate ade	LIFE e, Area Aj	* * ffected : 10%	5	\$1,500	
		ts, Extent : M : Street Faca	oderate, Area A ade	ffected : .	20%			
Concrete Masonry Unit	Horizonta Location Vegetation	: Main Roof 11: Growth, Ext	ent : Moderate,			5	\$1,800	
	Vertical C Location Worn/Ero	: Main Roof	: Moderate, Are Parapet Light, Area Affed					
Metal: Cage/Fence	Broken/M	Now issing Elemen : Parapet Wo		2047 re, Area	* * Affected : 100%	5	\$300	1

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13056

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	5%		4-0-0	2030	* *	10	\$100	
Modified Bitumen		Now	\$79,200	2037	* *			
			ate, Area Affect	ed : 10%				
		: All Roofs			cc . 1 500/			
		d/Misposn, E : Throughou	xtent : Moderat t	e, Area A	ffected : 50%			
	_	Extent : Mode : Lower Rooj	rate, Area Affec f	ted : 25%	ó			
		_	ate, Area Affect	ed : 15%				
	Location	: At Parapet	Cant Strip					
	Seams Ope	n/Split, Exter	nt : Moderate, A	rea Affec	ted : 20%			
	Location	: At Roof Per	netrations					
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$13,400	
Ceramic Tile	15%			2040	* *	5	\$2,300	
	-		, Extent : Light,	Area Aff	ected : 100%			
	Location	: Bathrooms,	Shower Areas					
Quarry Tile	5%			2040	* *	5	\$1,100	
Vinyl Tile	5%	4+	\$100	2027	\$6,500	3	\$300	
			ts, Extent : Ligh	t, Area A	ffected : 1%			
	Location	: Sitting Area	a					
Vinyl Tile	35%			2035	* *	3	\$2,000	
Interior Walls								
Ceramic Tile	10%			2040	* *	5	\$1,300	
Concrete Masonry Unit	30%			LIFE	* *	5	\$1,600	
Gypsum Board	25%			LIFE	* *	5	\$2,000	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2044	* *	5	\$3,100	
Exposed Concrete	75%			LIFE	* *	5	\$1,800	
Gypsum Board	5%			LIFE	* *	5	\$1,000	

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•	•			
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$300	
	Other Observation, Extent: Moderate, A	Area Affe	ected : 100%			
	Location: Electrical Room					
	Explanation : Main Service Switch Ra	ted @ 40	00 Amperes.			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$48,800	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13056

Electrical	Current Re	pair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway			***			
Conduit	70%	2027	\$21,900	1		
Conduit	30%	2053	* *	1		
Panelboards	- 00/		** < 0.00	_	4.00	
Molded Case Bkrs	70%	2026	\$26,900 * *	5	\$200	
Molded Case Bkrs	30%	2049	* *	5	\$100	
Wiring	5 00/	2025	#10.400			
Thermoplastic	70%	2027	\$19,400	1		
Thermoplastic	30%	2053	* *	1		
Ground						
Grounding Devices	1000/	TIPP	* *	-	#200	
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches	1000/	2025	¢4 000	1	¢2 100	
Automatic	100%	2025	\$4,800	1	\$3,100	
Generators	1000/	2022	Φ <i>CE</i> 700	1	#4.000	
Diesel	100%	2023	\$65,700	1	\$4,000	
	Other Observation, Exte		естеа : 100%			
	Location : 2nd Floor I	_	251			
Batteries	Explanation : Emerge	ncy Generator Rated @	ZJKW			
Lead/Acid	100%	2020	\$1,500	5	\$400	
Fuel Storage	10070	2020	\$1,500		ψ 1 00	
Main Tank	100%	2030	* *	5	\$300	
Maiii Talik	Other Observation, Exte			3	\$300	
	Location : 2nd Floor l		естей . 100/0			
	Explanation: 200 Gal					
Lighting	<u> Бършишин . 200 Ош</u>	поть писи сирисиу				
Interior Lighting						
Fluorescent	65%	2035	* *	10	\$6,100	
1 Idoloboont	Other Observation, Exte		ected : 100%	10	ψ0,100	
	Location : Throughou	==				
		nps And Motion Sensors	In Use			
Fluorescent	5%	2022	\$1,400	10	\$500	
Tuorescent	T-12 Lamps And Fixture		· ·		Ψ300	
	Location: Bunker Roc		rearly cerea : 100%			
LED	-		* *			
LED	30%	2035				
Egress Lighting	500/	2025	* *	1		
Emergency, Service	50%	2035	* *	1		
Exit, LED	50%	2062	~ ^	1		
Exterior Lighting	200/	2025	* *	10		
HID	20%	2035	ጥ ጥ	10		
No Component	80%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13056

Mechanical	Current Repair	Future Replacement	M	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Heating					
Energy Source					
Electricity	20%	2037 **	1		
Natural Gas	80%	2037 **	1		
Conversion Equipment					
Heat Pump Air Sourced	20%	2031 **	2	\$600	
	Other Observation, Extent : Light, A	rea Affected : 20%			
	Location: Roof				
	Explanation: 3 Package Units				
Hot Water Boiler	80%	2032 **	1	\$4,000	
	Other Observation, Extent : Light, A	rea Affected : 80%			
	Location: Boiler Room				
	Explanation: 1 Unit				
Distribution	000/	2025 **		4.00	
Hot Wtr Piping/Pump	80%	2035 **	4	\$600	
No Component	20%				
Terminal Devices	700/	2022 **		Ф2 200	
Convector/Radiator	70%	2032	1	\$2,300	
Fan Coil Unit/Heat	20%	2033	1	\$700	
Unit Heater - Steam	10%	2027 \$3,400	4	\$100	
Air Conditioning					
Energy Source Electricity	100%	2035 **	1		
Conversion Equipment	10070	2033	1		
Heat Pump Air Sourced	20%	2031 **	2	\$100	
Treat I timp An Boureed	Other Observation, Extent: Light, A		2	φ100	
	Location: Roof	reary ected . 2070			
	Explanation: 3 Package Units. R	410a			
Split Unit	10%	2022 \$20,400			
Spirt Oliit	R-22 Refrigerant, Extent: Light, Are				
	Location: 1 Unit, Roof	eu Tyjecieu . 1070			
Window/Wall Unit	30%	2022 \$6,000	1		
	40%	2022 \$6,000	1		
No Component	40 / 0				
Terminal Devices Fan Coil - 2 Pipe	10%	2022 \$10,900	1	\$300	
Fan Coil - 4 Pipe	20%	2022 \$10,900	1	\$700	
No Component	70%	2033	1	\$700	
Heat Rejection	7070				
Dry Cooler	10%	2022 \$3,100	2	\$700	
Dry Cooler	20%	2022 \$5,100	2	\$1,400	
No Component	70%	2033	2	Ψ1,400	
Ventilation	7070				
Distribution					
Ductwork/Diffusers	100%	LIFE **	2-5	\$5,700	
Exhaust Fans				+-7	
Roof	100%	2032 **	2	\$300	
Dlumbing		==================================		40	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13056

Mechanical	Current Repair	Current Repair Future Replacement		M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2022	\$5,800	2	\$200	
	Other Observation, Extent : Light, An	rea Affected	: 100%			
	Location: 2nd Floor					
	Explanation: 2 - 75 Gallon Units					
Sanitary Piping						
Cast Iron	50%	LIFE	* *	1		
Cast Iron	50%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	90%					
Generic	10%	2037	* *	1-2	\$300	
	Other Observation, Extent : Light, Ar	rea Affected	: 10%			
	Location: 1st And 2nd Floor					
	Explanation: Serves Stairs					
Chemical System						
Wet	100%	2022	\$2,100	1-3	\$4,600	
	Other Observation, Extent : Light, Ar	rea Affected	: 100%			
	Location : Kitchen					
	Explanation : Serves Cooking Area					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 69

Address : 248 WEST 143rd STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 11,250 Project Type : FIRE DEPARTMENT

Date of Survey : 12-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2028 Lot : 51 BIN : 1075491

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$116,600
Interior Architecture	\$46,600	\$67,500
Electrical		\$26,900
Mechanical		\$190,500
Total	\$46,600	\$401,500
Importance Code A		\$116,600
Importance Code B	\$46,600	\$284,900
Total	\$46,600	\$401,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
			1 1 202 1	
Exterior Architecture	\$25,800	\$7,900		\$15,400
Interior Architecture	\$43,600		\$1,100	\$2,300
Electrical	\$12,400	\$3,600	\$900	\$1,800
Mechanical	\$19,400	\$3,600	\$2,700	\$5,300
Total	\$101,200	\$15,100	\$4,700	\$24,800
Importance Code A	\$26,400	\$8,400	\$600	\$16,100
Importance Code B	\$64,900	\$6,600	\$3,000	\$8,700
Importance Code C	\$9,900		\$1,100	
Total	\$101,200	\$15,100	\$4,700	\$24,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13057

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls						_		
Masonry: Brick	72%			LIFE	* *	5	\$27,900	
Masonry: Granite	10%			LIFE	* *	5	\$2,900	
Metal Panel	3%			2037	* *	5-10	\$8,000	
Metal Sect. OHD	5%			2040	* *	5	\$6,100	
Stucco Cement	10%			2040	* *	5	\$9,700	
Windows	1000/		44.	• • • •	4445500	_	44.400	
Aluminum		Now	\$11,700	2026	\$116,600	5	\$1,400	
			ct, Extent : Moderd	ite, Area	Affected: 25%			
	Location	: Through	out					
Parapets	0.50/			2062	* *	-	#2 000	
Copper/Terne	25%			2062	**	5	\$3,000	
Metal Panel	75%			2047	* *	5	\$7,200	
Roof	50/			2026	* *	10	¢100	
Asphalt Shingle	5%	r		2036		10	\$100	
		ervanon, E : Rear Yai	Extent : Light, Area	Ајјестеа	: 100%			
			ra oor Kitchen Surrou	1				
16 1'C 1D'		ion : Outa	oor Kiichen Surrou		* *	1.0	Φ0.100	
Modified Bitumen	67%	3.7	#14.100	2032	* *	10	\$8,100	
Modified Bitumen		Now	\$14,100	2037				
			nt : Moderate, Ared	ı Affected	d: 25%			
		: Lower R	-	1.00	500/			
			: Moderate, Area	Affected	: 50%			
		: Lower R	oof					
Skylight, Metal/Glass	8%			2047	* *	10	\$3,200	
terior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$17,400	
Quarry Tile	10%			2032	* *	5	\$2,700	
Vinyl Tile	45%	2-4	\$13,500	2027	\$67,500	3	\$3,000	
		_	ents, Extent : Mod 3rd Floors	erate, Ar	ea Affected : 10%			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : 3rd Floor Bunk Room							
	Uneven Sı	ıbstrate, Εχ	tent : Moderate, A	rea Affec	eted : 30%			
			3rd Floors					
			: Moderate, Area	Affected	: 15%			
	Location	: 2nd And	3rd Floors					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13057

Architecture		Current I	Repair	Futur	Future Replacement Maintenance		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2036	* *	5	\$2,200	
Gypsum Board	40%	4+	\$3,700	LIFE	* *	5	\$5,300	
		Crumbling, : Stairwel	Extent : Moderate l	, Area Ą	ffected : 15%			
Masonry: Brick	15%			LIFE	* *			
Plaster	35%	Now	\$6,200	LIFE	* *	5	\$2,300	
		Crumbling, 1: Basemen	Extent : Moderate nt Stair	, Area Ą	ffected : 20%		. ,	
Ceilings								
AcousTileSusp.Lay-In		issing Elem	\$14,300 nents, Extent : Mod 3rd Floors	2032 erate, Ar	* * rea Affected : 5%	5	\$4,400	
			: Moderate, Area A 3rd Floors	Affected	: 20%			
Exposed Struc: Steel	Corrosion Location	: Sidewalk	\$46,600 Extent : Severe, Area & And Rear Addition	n Vaults				
	Location	: Sidewalk	Extent : Severe, Area & And Rear Addition	n Vaults				
	Location	: Through						
			rial Actually Metal					
Plaster	25%		\$5,800	LIFE	* *	5	\$2,800	
			: Moderate, Area		: 15%			
	Location	: Apparati	us Room and Kitch	en				

Electrical	Current Repair	Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2037	* *	5	\$300	
	Other Observation, Extent	: Moderate, Area Affec	eted : 100%			
	Location: Basement					
	Explanation: Main Servi	ce Disconnect Switch I	Rated @ 600 Amp	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2037	* *	5	\$300	
Raceway						
Conduit	30%	2037	* *	1		
Conduit	70%	2027	\$21,900	1		
Panelboards						
Fused Disc Sw	5%	2035	* *	5		
Molded Case Bkrs	25%	2035	* *	5	\$100	
Molded Case Bkrs	70%	2026	\$26,900	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13057

Electrical	Current Repair	Future	Future Replacement Maintenance				
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Wiring							
Thermoplastic	100%	2037	* *	1			
Motor Controllers	1000/	2022	* *	_	0100		
Locally Mounted	100%	2032	* *	5	\$100		
Ground							
Grounding Devices Generic	100% 2-4	\$9,500 LIFE	* *	5	\$200		
Generic	Other Observation, Extent:		ed · 100%	3	\$200		
	Location: Basement	moueraie, mea mjeci	ей. 10070				
	Explanation : Corroded						
Stand-by Power	2. promotion i corrotte						
Transfer Switches							
Automatic	100%	2032	* *	1	\$3,500		
Generators					·		
Diesel	100%	2030	* *	1	\$4,400		
	Other Observation, Extent:	Moderate, Area Affect	ed : 100%				
	Location : Outside						
	Explanation : Emergency	Generator Rated @ 62	kw				
Batteries							
Lead/Acid	100%	2020	\$1,500	5	\$400		
Fuel Storage							
Day Tank	100%	2035	* *	5	\$2,100		
	Other Observation, Extent:	Moderate, Area Affect	ed : 100%				
	Location : Outside						
T 1 1	Explanation: 50 Gallons I	Rated Capacity					
Lighting							
Interior Lighting Fluorescent	93%	2027	\$28,300	10	\$9,600		
Pidorescent	T-8 Lamps And Fixtures, Ex			10	\$9,000		
	Location: Throughout The		Typecieu . 10070				
Fluorescent	1%	2027	\$300	10	\$100		
Fluorescent	Compact Fluorescent Light,				\$100		
	Location: Basement	Extent : Moderate, Ar	еи Ајјестеи . 100	//0			
Fluorescent	5% Now	\$1,500 2037	* *				
Fluorescent	Not in Service, Extent: Mod						
	Location: Throughout The	• • • • • • • • • • • • • • • • • • • •	10070				
	1%	2022	\$700	2			
Incomdocacent		2022	\$700	2			
Incandescent	1 70						
Egress Lighting		2027	ድን የሰባ	1			
Egress Lighting Emergency, Service	50%	2027 \$600 2037	\$2,800	1			
Egress Lighting	50% 50% Now	\$600 2037	* *	1 1			
Egress Lighting Emergency, Service	50% 50% Now Not in Service, Extent : Mod	\$600 2037 erate, Area Affected :	* *				
Egress Lighting Emergency, Service Exit, Service	50% 50% Now	\$600 2037 erate, Area Affected :	* *				
Egress Lighting Emergency, Service	50% 50% Now Not in Service, Extent : Mod	\$600 2037 erate, Area Affected :	* *				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13057

Mechanical		Current Re	pair	Future Replacement Maintenance				
System Component Type	% of Total	Fail Date l (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	-							
Energy Source Plant Campus Steam / PRV	70%	Now		2037	* *	1		
11()		ervation, Ext : Basement	tent : Moderate, A	Area Affe	ected : 70%			
			Comes From Adi	acent Bu	ilding (Police Stati	on). Ins	ulation Insufficient	
Natural Gas	30%			2037	**	1		
Conversion Equipment	3070			2031				
Furnace	30%			2027	\$7,400	1	\$1,700	
1			tent : Light, Area		•	•	Ψ1,700	
		5	Top Gas Fired H	leating /	Cooling Units			
Heat Exchanger, Plate of Frame				2030	* *	1	\$3,900	
Trame	Other Obs	ervation. Ext	tent : Light, Area	Affected	: 70%			
		: Basement		33				
	Explanat	ion : 1 Unit						
Distribution Central Plant Steam	•	Now	\$6,200	2027	\$124,600	4	\$400	
Piping/Pmp	Malfunatio	mina Extent	: Severe, Area A	ffeeted:	50/			
	-	: Temperatu		уестей.	570			
N. C.		. Temperatu	ire Control					
No Component Terminal Devices	30%							
Convector/Radiator	30%			2032	* *	1	\$1,100	
Unit Heater - Steam	40%			2032	\$15,000	4	\$600	
No Component	30%			2027	\$13,000	7	\$000	
Air Conditioning	3070							
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment Ext Pkg Unit -	50%	Now	\$3,300	2027	\$65,900	2	\$300	
Heating/Cooling	=	_	t : Moderate, Are	a Affecte	ed : 10%			
			nt : Light, Area A oof	ffected :	50%			
Window/Wall Unit	10%		•	2022	\$2,200	1		
No Component	40%			2022	\$2,200	1		
Ventilation	7070							
Distribution								
210410441011								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$3,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13057

Mechanical	Current Repair Future Replacement		Replacement	Maintenance			
System Component Type	% of Fail D Total (Yea	eate Estimated Cost rs)	Year E FY	Stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Roof	55%	4400	2027	\$9,600	2	\$200	
Wall Unit	25% Nov	•	2027	\$900	2	\$100	
		Extent : Severe, Area A		1%			
		loor Operational Area		. 200/			
	Location : 1st F	n, Extent : Severe, Are	еа Ајјестеа .	20%			
		ir Ventilation Is Poor	In 1st Floor	. Dagammandina	Mone W	Iall Units	
NG		ir venillation is Foor	1n 1si F 1001	Kecommenaing	More w	an Onns	
No Component	20%						
Plumbing H/C Water Piping							
Brass/Copper	100% 0-2	\$7,800	2037	* *	1		
Brass/Copper		Tank, Extent : Light, A		d · 100%	1		
	Location : Base	_	irea rijjeere	a. 10070			
		: Moderate, Area Affe	ected : 15%				
	Location : Base						
Water Heater							
Electric	100%		2025	\$9,300	4	\$100	
HW Heat Exchanger				•			
Steam Fired	100%		2037	* *	4	\$1,100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2022	\$1,600	4	\$200	
Fixtures	1000/						
Generic	100%						
Fire Suppression							
Sprinkler Generic	100%		2053	* *	1-2	\$3,200	
Fire Pump	10070		2033		1-2	\$3,200	
Generic	100% Nov	\$300	2030	* *	1	\$1,900	
Generic		: Moderate, Area Affe			1	\$1,900	
		Leaking. Basement					
Chemical System		<u> </u>					
Generic	100%		2020	\$1,900	1-3	\$3,700	
		n, Extent : Light, Area			-	4-7	
	Location : Kitch	_	==				
	Explanation: 1	Set					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 7

Address : 100 DUANE STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.007 / 13006 Yr Built/Renovated : 1905 / 2002

Area Sq Ft : 18,890 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 150 Lot : 25 BIN : 1001647

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$322,000	
Interior Architecture	\$59,600	
Electrical		\$80,800
Mechanical		\$492,700
Total	\$381,600	\$573,500
Importance Code A	\$322,000	\$124,900
Importance Code B	\$59,600	\$448,700
Total	\$381,600	\$573,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$37,700			\$1,600
Interior Architecture	\$119,100	\$1,700		\$900
Electrical	\$27,800	\$1,100	\$5,300	\$1,500
Mechanical	\$2,700	\$2,600	\$8,600	\$3,000
Total	\$187,200	\$5,300	\$13,900	\$6,900
Importance Code A	\$39,600	\$1,900	\$1,900	\$3,400
Importance Code B	\$81,900	\$2,500	\$12,000	\$3,500
Importance Code C	\$65,700	\$1,000		
Total	\$187,200	\$5,300	\$13,900	\$6,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13006

rchitecture		Current F	Repair	Futur	e Replacement	М	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls	5 00/	3.7	#204.000		at. at.	_	#21 100	
Masonry: Brick	Diagonal C Location Efflorescen Location Rusting Ma Location	: Rear Wa ce, Extent : Rear Wa asonry Sup : Rear Wa	: Moderate, Area ll t, Extent : Modera	Affected te, Area	: 10% Affected : 25%	5	\$31,100	
	Location	: Rear Wa	11					
Masonry: Granite	5%			LIFE	* *	5	\$1,700	
Masonry: Limestone		4+ Erumbling, : Front Wo	\$58,800 Extent : Moderate all	LIFE e, Area A	* * ffected : 5%	5	\$3,300	
		Miss/Erod : Front Wo	l, Extent : Light, A all	rea Affec	eted : 15%			
Metal Sect. OHD	10%			2039	* *	5	\$13,900	
Stucco Cement	5%			2039	* *	5	\$5,600	
Windows Aluminum	100%			2042	* *	5	\$3,100	
Parapets Masonry: Brick	Location Worn/Eroa	: Front Fa	: Moderate, Area			5	\$2,700	
Masonry: Limestone	15% Caulking L Location		\$4,000 d, Extent : Modera	LIFE ate, Area	* * Affected : 50%	5	\$600	
Roof								
Modified Bitumen	Broken/Mi. Location Debris Pre Location Drains Clo	: Various A sent, Exter : At Drain gged, Exte	nt : Light, Area Aff	ected : 5	%			
	Ponding, E	Extent : Mo	derate, Area Affec And Exhaust Fan	ted : 10%	6			
Skylight, Metal/Glass	Location	: Middle C	\$15,600 ents, Extent : Mod Of 2 Skylights xtent : Moderate, 1					
		: Hose To						

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13006

rchitecture	Curr	ent Repair		Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail l Total (Yea		nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	\$21,600	
Ceramic Tile	5%			2035	* *	5	\$1,400	
Quarry Tile	5%		Φ10. 7 00	2039	* *	5	\$2,100	
Vinyl Tile	25% Nov		\$19,700	2031		3	\$2,700	
	Broken/Missing Location: Var				Ађестеа : 15%			
			_		Area Affected : 15	50/		
	Location: Var	_			Агеи Ајјестеи . 1.	70		
	Uneven Surface,		_		od · 30%			
	Location: Thre				u . 5070			
	Worn/Eroded, E.	_			: 50%			
	Location : Var				. 50,0			
Wood	30% 0-2		\$30,500	2041	* *	5	\$8,000	
	Deteriorated Fin				d: 10%	3	ψ0,000	
	Location : Thre			ur 1 1jj o o ro				
	Recent Replace	_		Area Aff	ected : 50%			
	Location : Batt							
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$1,900	
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	
Gypsum Board	20%			LIFE	* *	5	\$4,700	
Masonry: Brick	15% Nov		\$24,800	LIFE	* *			
	Diagonal Cracks Location: Cell		Moderate, A	rea Affec	ted : 100%			
Plaster	30% Nov	W	\$20,400	LIFE	* *	5	\$3,500	
	Water Penetration			Area Affe	cted : 10%			
	Location: 3rd	Floor, Fro	nt Wall					
SGFT/Glazed Masonry	25% Nov	W	\$20,500	LIFE	* *			
	Cracking/Crumb	oling, Exter	ıt : Moderate	e, Area Aj	ffected : 5%			
	Location : App							
	Diagonal Cracks	s, Extent : I	Moderate, A	rea Affec	ted : 5%			
	Location : App	aratus Roo	om					
Ceilings	. .			• • • • •	4. 4.	_	0.4.0 00	
AcousTileSusp.Lay-In	15%			2039	**	5	\$4,200	
	Staining/Discolo	_	_		ed : 5%			
T 1 (3.6) 1	Location: Var				* *		# * * * * * * * * * *	
Embossed Metal	55% 0-2 Broken/Missing		\$59,600	LIFE		5	\$7,000	
		ьлетептs, 1	смет : з ече	re, Area	<i>А</i> ујества : 25%			
	_	aughout						
	Location : Thre	_	· Sovere And	a Affaata	d · 25%			
	_	ng, Extent :	: Severe, Are	a Affecte	d : 25%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13006

Electrical	Cal Current Repair Future Replaceme		nent	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$100	
	Enclosure Corroded, Extent : Severe, A Location : Basement	rea Affected : 30%				
		. ACC 1 . 1000/				
	Other Observation, Extent : Light, Area Location : Basement	н Ајјества : 100%				
	Explanation: 400 Amperes					
Raceway	Explanation : 400 Amperes					
Conduit	80%	2026 \$27	7,300	1		
Conduit	20%	2036	**	1		
0 0114011	Recent Installation, Extent : Moderate,		ó	-		
	Location: Basement	35				
Panelboards						
Molded Case Bkrs	75%	2042	* *	5	\$400	
Molded Case Bkrs	25%	2034	* *	5	\$100	
	Recent Installation, Extent : Moderate, Location : Basement	Area Affected : 100%	ó			
Wiring						
Braided Cloth	20% 2-4 \$6,100	2051	* *	1		
	Insulation Aged, Extent : Moderate, Are Location : Throughout	ea Affected : 100%				
Thermoplastic	60%	2036	* *	1		
Thermoplastic	20%	2036	* *	1		
	Recent Installation, Extent: Light, Area Location: Basement	ı Affected : 100%				
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$100	
Ground						
Grounding Devices	1000/ 0.2	2016		_	#200	
Metal Water Pipe	100% 0-2 \$10,400	2046	* *	5	\$300	
	Corroded, Extent : Moderate, Area Affe Location : Basement	ectea : 100%				
Stand-by Power	Locution . Dischient					
Transfer Switches						
Automatic	100%	2039	* *	1	\$5,800	
	Other Observation, Extent: Moderate,		ó	_	42,000	
	Location: Basement	00				
	Explanation: Used For Portable Gen	erator.				
Lighting .						

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13006

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting	/	2026		4.0	444 000	
Fluorescent	75%	2026	\$41,900	10	\$13,000	
	T-8 Lamps And Fixtures, Extent : Light, Location : Throughout	Area Affected :	100%			
Fluorescent	20%	2031	* *	10	\$3,500	
	T-8 Lamps And Fixtures, Extent : Light, Location : Throughout	Area Affected :	100%			
HID	5%	2026	\$1,000	10		
	Other Observation, Extent : Light, Area Location : 1st Floor	Affected: 30%				
	Explanation: Apparatus Room					
Egress Lighting						
Emergency, Battery	10%	2031	* *	10	\$500	
	Recent Installation, Extent : Moderate, Location : 3rd Floor	Area Affected :	100%			
Exit, Service	80%	2031	* *	1		
Exit, Battery	10%	2031	* *	10	\$100	
	Recent Installation, Extent : Moderate, Location : 3rd Floor	Area Affected :	100%			
Exterior Lighting						
HID	50%	2026	\$38,900	10		
No Component	50%					
Alarm						
Fire/Smoke Detection	500/					
No Component	50%	2026	44. 44.	1.0	45.200	
Generic, Analog	50% Now \$10,700	2036	* *	1-3	\$5,300	
	Devices Missing, Extent : Severe, Area L Location : Throughout	Affected : 100%)			
	Local/Battery Operated Detect, Extent : Location : Throughout	Light, Area Aff	fected : 100	%		

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Steam Boiler	100%		2024	\$124,900	1	\$18,700	
Distribution							
Central Plant Steam	100%		2026	\$326,600	4	\$900	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$6,100	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13006

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment	100/	2026	¢41 200			
Split Unit Window/Wall Unit	10% 40%	2026 2024	\$41,200 \$16,100	1		
w mdow/ w an Omit	Other Observation, Extent : Moderate, A			1		
	Location: 1st, 2nd And 3rd Floors	nearyeen	. 100/0			
	Explanation: 30 Percent New; 70 Per	cent Old				
No Component	50%					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$24,600	
	Abandoned in Place, Extent: Light, Are	a Affected .	: 100%			
	Location: 1st Floor					
Heat Rejection						
No Component	90%					
No Component	10%					
Ventilation						
Exhaust Fans Roof	5%	2026	\$1,600	2		
Rooi	Other Observation, Extent : Light, Area Location : 1st Floor			2		
	Explanation: Kitchen Exhaust					
No Component	95%					
Plumbing						
H/C Water Piping						
Galvanized Steel	100%	2031	* *	1		
Water Heater	1000/	2024	#11 000		#200	
Gas Fired	100%	2024	\$11,800	2	\$300	
	Other Observation, Extent : Light, Area Location : Basement	Ajjeciea :	100%			
	Explanation: 2 - 74 Gallon Units					
Sanitary Piping	Explanation . 2 / F dation Chits					
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
	Corroded, Extent : Light, Area Affected	: 10%				
	Location : Basement					
Sump Pump(s)			_			_
Non-Submersible	100%	2031	**	4	\$600	
	Other Observation, Extent: Light, Area	Affected : .	100%			
	Location: Basement					
	Explanation : Duplex Unit					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 7

Asset #: 13006

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
Backflow Preventer						
No Component	90%					
Generic	10%	2034	* *	1	\$100	
	Other Observation, Extent : Light, Area	a Affected : 1009	%			
	Location: Boiler Room					
	Explanation: At Boiler Only					
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1197

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 70 / LADDER CO. 53

Address : 169 SCHOFIELD STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.070 / 13058 Yr Built/Renovated : 1939 /

Area Sq Ft : 6,912 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5642 Lot : 118 BIN : 2082474

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$74,900	
Interior Architecture	\$54,000	\$35,300
Electrical	\$30,800	\$48,800
Mechanical		\$48,200
Total	\$159,700	\$132,300
Importance Code A	\$74,900	
Importance Code B	\$84,800	\$132,300
Total	\$159,700	\$132,300

Total	\$104,200	\$1,700	\$24,600	\$3,700
Importance Code C				\$200
Importance Code B	\$99,100	\$1,000	\$18,000	\$800
Importance Code A	\$5,100	\$700	\$6,600	\$2,600
Total	\$104,200	\$1,700	\$24,600	\$3,700
Mechanical	\$15,900	\$1,200	\$3,900	\$1,200
Electrical	\$39,000		\$14,400	\$100
Interior Architecture	\$44,900	\$500	\$400	\$500
Exterior Architecture	\$4,400		\$5,900	\$2,000
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13058

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%			LIFE	* *	5	\$19,400	
Masonry: Granite	3%			LIFE	* *	5	\$500	
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Wood Overhead Doors	10%			2021	\$74,900	5	\$11,900	
		ling, Extent 1 : Overhea	: Light, Area Affe d Doors	cted : 15	%			
Windows								
Aluminum	100%	Now	\$4,400	2031	* *	5	\$1,100	
		trip Missin 1: Through	g, Extent : Modera out	te, Area	Affected : 20%			
Roof	1000/			2022	ىك بات	1.0	Φ2 000	
Asphalt Shingle	100%			2032	* *	10	\$2,000	
nterior								
Floors	500/	2.4	Φ.7.4.000	LIDE	* *	-	011 400	
Cast in Place Concrete	50%		\$54,000	LIFE		5	\$11,400	
			Extent : Moderate, A	Area Affe	ected: 50%			
		: Apparati				_		
			Columns In Basen		Shoring Up Appara			
Ceramic Tile	5%			2032	* *	5	\$500	
Quarry Tile	5%			2036	* *	5	\$800	
Vinyl Tile	40%			2023	\$35,300	3	\$1,600	
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	3%			2032	* *	5	\$400	
Marble Panels	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	\$2,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In		Now	\$1,300	2040	* *	5	\$300	
		issing Elem i : 2nd Floc	ents, Extent : Seve or Office	re, Area	Affected : 40%			
Exposed Concrete	20%		\$33,400	LIFE	* *	5	\$300	
	Cracking/		Extent: Moderate		ffected : 20%		4000	
	Exposed F		ent, Extent : Moder	ate, Ared	a Affected : 10%			
Dlaston				LIDD	* *	-	¢4 000	
Plaster		issing Elem	\$10,200 eents, Extent : Seve		Affected : 5%	5	\$4,900	
			or Locker Room An : Moderate, Area		=			
		_	ry And Apparatus I					
			ere, Area Affected					
		: 2nd Floo						

Site Enclosure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13058

Architecture	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	est Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure						
Fence/Gates						
Chain link	100%	2033	* *			
Retaining Walls						
Cast in Place Concrete	100%	2043	* *			
	Cracking/Crumbling, Extent: Light,	Area Affected: 59	%			
	Location: 3 Foot High Retaining V	Wall Has Minor Ve	ertical Crack	s At Seve	eral Locations	
Site Pavements						
On-Site Walkways						
Cast in Place Concrete	100%	2036	* *			
Parking/Driveway						
Cast in Place Concrete	100%	2036	* *			
	Cracking/Crumbling, Extent: Light,	Area Affected: 39	%			
	Location: Throughout					

ectrical		Current Repair		Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date Estimated (Years)	l Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2023	\$4,800	5	\$200	
	Other Obse	ervation, Extent : Ligh	t, Area	Affected	: 100%			
	Location	: Basement, Main Ele	ctrical .	Area				
	Explanati	ion : 200 Amperes Cir	cuit Br	eaker In .	Main Distribution	Panel		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$48,800	5	\$200	
	Other Obse	ervation, Extent : Ligh	t, Area	Affected	: 100%			
	Location	: Basement, Main Ele	ctrical .	Area				
	Explanati	ion : Showing Wear D	ue To F	Regular U	Isage			
Raceway								
Conduit	75%			2033	* *	1		
Conduit	25%	Now \$7	,800	2053	* *	1		
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location	: Basement						
	Explanati	ion : Ground Conduct	or Cond	duits Ana	l Communication (Cables C	onduits Are Rusted	•
	And Dam	aged						
Panelboards								
Molded Case Bkrs	75%			2022	\$28,900	5	\$100	
Molded Case Bkrs	20%			2045	* *	5		
Molded Case Bkrs	5%		\$400	2022	\$1,900	5		
		ervation, Extent : Mod			cted : 100%			
	Location	: Basement, Main Ele	ctrical .	Area				
	Explanati	ion : One Panel Trim	Is Missi	ing				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13058

Electrical	Current Repair	Future R	Future Replacement		aintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Wiring									
Braided Cloth	70% 0-2 \$19,40		**	1					
	Insulation Aged, Extent: Moderate, Location: Throughout The Building		100%						
Thermoplastic	20%	2033	* *	1					
Thermoplastic	10%	2049	* *	1					
Motor Controllers									
Locally Mounted	100%	2021	\$14,400	5					
	Other Observation, Extent : Light, A		00%						
	Location : 1st Floor - Roll Up Ga								
	Explanation : Showing Wear Due	To Regular Usag	ge						
Ground									
Grounding Devices	1000/ 0.2		ماد ماد	_	0100				
Generic	100% 0-2 \$9,50		**	5	\$100				
	Other Observation, Extent : Severe, Area Affected : 100% Location : Basement, Main Water Service								
	*		10 11 1	n .					
T : 1	Explanation: Ground Conductors	Terminations Ai	nd Conduits Ar	e Rusted					
Lighting									
Interior Lighting	28%	2022	¢5 200	10	¢1 900				
Fluorescent		2023	\$5,200	10	\$1,800				
	Inadequate Lighting Level, Extent : Moderate, Area Affected : 50% Location : Basement								
	T-12 Lamps And Fixtures, Extent: Light, Area Affected: 100%								
	Location : Throughout								
Fluorescent	60%	2028	\$11,200	10	\$3,800				
Tuorescent	T-8 Lamps And Fixtures, Extent : L			10	ψ3,000				
	Location: Throughout	g, <i>y</i>							
Fluorescent	10% Now \$1,90	00 2033	* *						
Puorescent	Damaged Fixtures, Extent: Severe,		100%						
	Location: Basement	meangeerea.	10070						
	Location : Basement Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
	Location: Basement	moueraic, mea	nyceiea : 100/	. 0					
		ight Area Affecta	ed · 100%						
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Basement								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location: Basement	caryjeenea.							
	Explanation: Lighting Fixtures A.	re Rusted							
Incandescent	2%	2023	\$900	2					
	۷70	2023	\$900						
Exterior Lighting	100%	2029	¢26 100	10					
HID	10070	2028	\$26,100	10					

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13058

Mechanical	Current Repair	r Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$6,900	
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$34,600	1	\$2,200	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	80%	2019	\$10,800	1		
No Component	20%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2023	\$48,200	1		
Water Heater						
Gas Fired	100%	2019	\$3,900	2	\$100	
	Other Observation, Extent	: Light, Area Affected :	100%			
	Location: Basement					
	Explanation: 2 - 74 Gall	on Units				
Sanitary Piping						
Cast Iron	75%	LIFE	* *	1		
Cast Iron	25%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
	Other Observation, Extent	: Light, Area Affected :			-	
	Location: Kitchen					
	Explanation: Serves Coo	king Area				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 71/LADDER CO. 55/ DIVISION 6

Address : 720 MELROSE AVE.

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 11,651 Project Type : FIRE DEPARTMENT

Date of Survey : 02-May-2016 Landmark Status : NONE

Areas Surveyed : Floors x

Block : 2377 Lot : 1 BIN : 2001400

CAPITAL	FY 2019 - 2022	FY 2023 - 2028		
Exterior Architecture	\$72,300	\$72,300		
Interior Architecture	\$36,000			
Electrical		\$3,800		
Mechanical		\$84,000		
Total	\$108,300	\$160,100		
Importance Code A	\$72,300	\$156,300		
Importance Code B		\$3,800		
Importance Code C	\$36,000			
Total	\$108,300	\$160,100		

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$35,200	\$1,500		
Interior Architecture	\$36,600	\$1,900	\$300	\$700
Electrical	\$800	\$2,700	\$1,400	\$1,200
Mechanical	\$10,000	\$1,200	\$1,700	\$23,400
Total	\$82,600	\$7,300	\$3,400	\$25,200
Importance Code A	\$35,800	\$2,100	\$600	\$700
Importance Code B	\$46,800	\$4,600	\$2,800	\$24,500
Importance Code C		\$600		
Total	\$82,600	\$7,300	\$3,400	\$25,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13059

rchitecture		Current	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls	100/	N	¢10.700	LIEE	* *	_	¢1 000	
Masonry: Brick Cavity	Cracking/o Location Jnt Mortan	: At Sides	\$19,700 Extent : Moderate Of Overhead Door d, Extent : Moderat des	s And Si	ffected : 15% de Facade	5	\$1,800	
	Location	: At Sides	amage, Extent : M Of Overhead Door	s And Si	de Facade	%		
	_		ed, Extent : Moderd ow Openings Throi		Affected : 20%			
Masonry: Brick Cavity	Location Worn/Eroc	: Perimete ded, Extent	: Moderate, Area			5	\$14,100	
	Location	: Perimete	er Walls					
Wood Overhead Doors		0-2 ted Finish, : Through	\$11,100 Extent : Moderate, out	2032 Area Afj	* * fected : 40%	5	\$4,400	
Windows								
Aluminum	Condensat		\$8,600 nt, Extent : Modera Vatch Window	2035 te, Area A	* * Affected : 10%	5	\$2,100	
Metal Louvers	5%			2030	* *	10	\$1,400	
Parapets								
Masonry: Brick Cavity	30%		4 00	LIFE	* *	5	\$600	
Metal Panel	_		\$5,500 ed, Extent : Modera oping- Caulk Joints			5	\$2,800	
Roof								
Asphalt Shingle Built-Up (BUR)	5% 70% Debris on	0-2 Roof, Exte	\$3,600 nt : Moderate, Area	2030 2027 a Affected	* * \$72,300 <i>d</i> : 15%	10	\$200	
	Grvl/Blst l	-	out Extent : Moderate, 'ection Of Flat Roo		fected : 30%			
Metal Panel		Deteriorate	\$6,400 ed, Extent : Modera nts At Metal Panels		* * Affected : 5%			

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13059

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	25%		4	LIFE	* *	5	\$9,500	
Cast in Place Concrete	20% Cracking/ Location		\$7,200 Extent : Light, Ar	LIFE ea Affect	* * ed : 15%	5	\$7,600	
			xtent : Severe, Are ications Room In (d : 15% nd Apparatus Room	ı		
	Location	: Due To C	xtent : Moderate, . Ground Water Bac	kup Thro				
	Explana	ion : Water	r Damage In Basei	ment				
Ceramic Tile	5%			2030	* *	5	\$900	
Sheet Vinyl/Rubber	5%			2032	* *	5	\$1,300	
Vinyl Tile Under Construction	15% 30%			2027	\$22,200	3	\$1,000	
		ervation, E : 2nd Floo	xtent : Light, Area r	Affected	!: 0%			
	Explana	ion : Area	Under Constructio	on				
Interior Walls								
Ceramic Tile	5%			2030	* *	5	\$1,200	
Concrete Masonry Unit			\$36,000 xtent : Moderate, A t Walls - Ground \			5	\$3,200	
Gypsum Board	2%			LIFE	* *	5	\$300	
SGFT/Glazed Masonry Under Construction	28% 30%			LIFE	* *		4200	
Ceilings	3070							
AcousTileSusp.Lay-In	10%			2040	* *	5	\$1,700	
Exposed Struc: Steel	Location Paint Peel	Rusting, E : Apparati ing, Extent	: Severe, Area Aff				. ,	
	Water Pen		xtent : Severe, Are	a Affecte	d : 10%			
	Other Obs Location	: Through	xtent : Light, Area out	Affected	! : 100%			
		ion : Meta	Decking					
Gypsum Board Under Construction		ervation, E : 2nd Floo	xtent : Light, Area	LIFE Affected	**!:0%	5	\$4,400	
			r Construction					

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail 1 Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13059

Electrical	Current Repair		e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2037	* *	5	\$300	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation : Main Service Switch Ra	ited @ 60	00 Amperes.			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2037	* *	5	\$300	
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Fused Disc Sw	2%	2035	* *	5		
Molded Case Bkrs	88%	2035	* *	5	\$300	
Molded Case Bkrs	10%	2026	\$3,800	5		
	Covers Missing, Extent : Moderate, Are	ea Affecte	ed: 100%			
	Location : Boiler Room					
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2025	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches						
Automatic	100%	2032	* *	1	\$3,600	
Generators						
Diesel	100%	2030	* *	1	\$4,500	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: Basement / Rear					
	Explanation: Emergency Generator I	Rated @ .	50kw			
Batteries	1 0 2					
Lead/Acid	100%	2020	\$1,500	5	\$400	
Fuel Storage					·	
Day Tank	50%	2026	\$400	5	\$1,100	
,	Other Observation, Extent: Moderate,		, ,			
	Location: Generator Room					
	Explanation: 25 Gallons Rated Capa	citv				
Main Tank	50%	2042	* *	5	\$200	
iviain Talik				3	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Underground					
	Explanation: 600 Gallons Rated Cap	acity				
I iohtino	емрининон . 000 Ganons Karea Cap	испу				

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13059

Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	95%	2027	\$30,000	10	\$10,200	
	T-8 Lamps And Fixtures, Extent	t : Light, Area Affecte	d: 100%			
	Location: Throughout					
Fluorescent	5%	2027	\$1,600	10	\$500	
	Compact Fluorescent Light, Ext Location: Hallways	tent : Moderate, Area	Affected: 100	%		
Egress Lighting						
Emergency, Service	50%	2027	\$2,900	1		
Exit, Service	50%	2027	\$600	1		
Exterior Lighting						•
HID	20%	2027	\$8,800	10		
No Component	80%					

Mechanical	Curi	ent Repair	Future Replace		placement Maintenance		
System Component Type	% of Fail Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2037	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2025	\$84,000	1	\$5,800	
	Other Observati	on, Extent : Light, Area	Affected	: 100%			
	Location: Bas	ement					
	Explanation:	3 Units					
Distribution							
Hot Wtr Piping/Pump	100%		2035	* *	4	\$900	
Terminal Devices							
Convector/Radiator	50%		2025	\$29,200	1	\$1,900	
Unit Heater - Steam	50%		2022	\$19,500	4	\$500	
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment							
Window/Wall Unit	40%		2025	\$9,100	1		
No Component	60%						
Ventilation							
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$3,200	
No Component	50%					•	
Exhaust Fans							
Roof	50%		2027	\$9,000	2	\$200	
Wall Unit	50%		2027	\$1,900	2	\$200	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13059

Mechanical	Current Repair	Future Replacement	M	laintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority		
lumbing							
H/C Water Piping	1000/ 31 04.100	2027 **					
Brass/Copper	100% Now \$4,100	2037	1				
	Corroded, Extent : Moderate, Area Aff Location : Water Main Valve, Basem						
Water Heater	Location : water Main valve, basem	ені					
Gas Fired	100%	2025 \$6,600	2	\$200			
Gas Filed	Other Observation, Extent : Light, Area	The state of the s	2	\$200			
	Location: Basement	arijjecica i 10070					
	Explanation : 2 - 74 Gallon Units						
Sanitary Piping							
Cast Iron	100% Now \$4,000	LIFE **	1				
	Blockage /Clogged, Extent : Severe, Ar	ea Affected : 5%					
	Location: Basement At Melrose Aver	ıue Side					
Storm Drain Piping							
Cast Iron	100%	LIFE **	1				
Sump Pump(s)							
Non-Submersible	100%	2032 **	4	\$400			
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement						
	Explanation: Duplex Unit						
Fixtures	1000/						
Generic	100%						
ire Suppression							
Sprinkler No Component	85%						
Generic	15%	2027 \$16,000	1-2	\$500			
Generic	Other Observation, Extent : Light, Area		1-2	\$300			
	Location : Basement And 2nd Floor						
	Explanation : Serves Partial Basemen	nt And 2nd Floor Corridor					
Chemical System							
Wet	100%	2022 \$2,100	1-3	\$4,600			
	Other Observation, Extent : Light, Area	The state of the s		-			
	Location : Kitchen						
	Explanation: Serves Cooking Area						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1208

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 72

Address : 3929 EAST TREMONT AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.072 / 13060 Yr Built/Renovated : 1972 /

Area Sq Ft : 7,574 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5443 Lot : 170 BIN : 2077258

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$165,600	\$70,800
Total	\$165,600	\$70,800
Importance Code A	\$165,600	\$70,800
Total	\$165,600	\$70,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$41,500	\$1,600		
Interior Architecture	\$4,900	\$500	\$3,800	
Electrical	\$8,900	\$500	\$5,700	\$500
Mechanical	\$11,900	\$1,100	\$1,700	\$1,100
Total	\$67,200	\$3,700	\$11,200	\$1,600
Importance Code A	\$42,600	\$2,000	\$400	\$400
Importance Code B	\$19,700	\$1,700	\$10,500	\$1,200
Importance Code C	\$4,900		\$400	
Total	\$67,200	\$3,700	\$11,200	\$1,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 72

Asset #: 13060

Architecture		Current I	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Cast in Place Concrete	10%	4+	\$2,300	LIFE	* *	5	\$10,400	
	Cracking/		Extent : Moderate		ffected : 3%	3	\$10,100	
Masonry: Brick		Now	\$106,600	LIFE	* *	5	\$17,700	1
	_	Crumbling, : Through	Extent : Severe, A out	rea Affeo	cted : 25%			
		r Miss/Eroo : Through	d, Extent : Severe, . out	Area Affe	ected : 50%			
		ts, Extent : : Through	Severe, Area Affed out	eted : 159	%			
		racks, Exte	ent : Severe, Area A out	Affected :	15%			
Metal Sect. OHD	5%			2040	* *	5	\$3,300	
Windows Aluminum	100%	Now	\$25,000	2031	* *	5	\$1,500	
7 1143111114111	Broken/M	issing Elem	nents, Extent : Mod		rea Affected : 50%	3	Ψ1,200	
			Throughout	4	A.CC . 1 100/			
	_		ked, Extent : Sever r Side And Rear, 2		Аffectea : 10% Dormitory And Ca	ourt		
Parapets	600/			2022	* *	_	Φ π 400	
Metal Panel	60% Other Obs	ervation F	Extent : Light, Area	2033		5	\$7,400	
		: At Roof	meni . Bizni, med	Пуссиси	. 100/0			
		tion : Meta	l Coping					
Metal Rail	40%			2028	\$34,000	5-10	\$23,100	
Roof								
Modified Bitumen	95%	0-2	\$14,200 derate, Area Affect	2023	\$70,800			
		xieni : Mod i : Main Ro		eu . 2570	,			
			ent : Moderate, Are	ea Affecte	ed : 10%			
		: Main Ro						
		Extent : Mo : Main Ro	oderate, Area Affec of	ted : 10%	6			
Skylight, Plastic	5%		•	2021	\$59,000	1		
Interior					/			
Floors								
Cast in Place Concrete	60%			LIFE	**	5	\$15,800	
Ceramic Tile	5%			2026	\$11,700	5	\$600	
Quarry Tile	2%			2028	\$6,900	5	\$400	
Vinyl Tile	33%	,. .		2023	\$33,700	3	\$1,500	
		ervation, E : Through	Extent : Light, Area out	Affectea	t : 100%			
		: . 1 nrougn tion : 9 X 9						
-	Елрини	won . JAJ	11100					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13060

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	10%	4+	\$4,900	LIFE	* *			
	Water Pen	etration, E	xtent : Severe, Ared	a Affecte	d : 2%			
	Location	: Front Of	^c Cellar					
Ceramic Tile	5%			2026	\$21,400	5	\$800	
Concrete Masonry Unit	60%			LIFE	* *	5	\$3,700	
Gypsum Board	5%			LIFE	* *	5	\$500	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	3%			2021	\$2,900	5	\$400	
Exposed Concrete	87%			LIFE	* *	5	\$1,600	
Plaster	10%			LIFE	* *	5	\$800	
Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2033	* *	5	\$200	
	Other Observation, Extent : Light	Area Affected: 10	00%			
	Location: Basement					
	Explanation: 400 Amp					
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$200	
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2036	* *	1	\$2,300	
	Other Observation, Extent : Light	Area Affected: 10	00%			
	Location: Basement					
	Explanation: 400 Amp, 3 Pole					
Generators						
Diesel	100%	2032	* *	1	\$2,900	
	Other Observation, Extent : Light	Area Affected : 10	00%			
	Location : Backyard					
	Explanation: 40 Kw, 50 Kva, 3	Phase, 208/120 V				
Batteries						
Nickel Cadmium	100%	2019	\$1,500	5	\$1,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 72

Asset #: 13060

lectrical	Current Repair	Future Replacement	N	laintenance	
system Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit
tand-by Power					
Fuel Storage					
Day Tank	10%	2039 **	5	\$100	
	Other Observation, Extent : Light, Area	00			
	Location: Under Enclosure Backyard				
	Explanation: 50 Gallon Sub-Base Die				
Main Tank	90%	2038 **	5	\$200	
	Other Observation, Extent : Light, Area	Affected: 100%			
	Location: Basement				
• 17.	Explanation: 550 Gallon Diesel Fuel				
Lighting Interior Lighting					
Interior Lighting Fluorescent	12% Now \$2,500	2033 **			
Pidorescent	T-12 Lamps And Fixtures, Extent: Ligh				
	Location: Basement	,, 11. ca 13,5 cc ca 1 100 / 0			
	Other Observation, Extent : Severe, Are	a Affected : 100%			
	Location: Basement	3,5			
	Explanation: Burnt Out				
Fluorescent	15% Now \$3,100	2033 **			
	T-8 Lamps And Fixtures, Extent: Light,				
	Location: 1st And 2nd Floor	00			
	Other Observation, Extent : Severe, Are	a Affected : 100%			
	Location: 1st And 2nd Floor				
	Explanation: Burnt Out				
Fluorescent	18%	2031 **	10	\$1,300	
	T-12 Lamps And Fixtures, Extent: Ligh	t, Area Affected : 100%			
	Location: Basement				
Fluorescent	55%	2031 **	10	\$3,800	
	T-8 Lamps And Fixtures, Extent: Light, Area Affected: 100%				
	Location: 1st And 2nd Floor				
Egress Lighting					
Emergency, Service	100%	2023 \$3,700	1		
Exterior Lighting					
HID	100% Now \$400	2033 **			
	Other Observation, Extent : Light, Area	==			
	Location : Facade And Side Parking L				
	Explanation: Wall Mounted, Controll	ed Via Time Clock			

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated C Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
100%	2042 **	1	
	% of Fail Date Estimated Co Total (Years)	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost (Yrs)

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 72

Asset #: 13060

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	100% Now Other Observation, Extent : Location : Basement Explanation : Slight Drip F			1	\$3,400	
Distribution	T					
Hot Wtr Piping/Pump	100%	2031	* *	4	\$600	
Terminal Devices Convector/Radiator Unit Heater - Steam	90% 10%	2028 2023	\$34,100 \$2,500	1 4	\$2,200 \$100	
Air Conditioning						
Energy Source Electricity Conversion Equipment	100%	2039	* *	1		
Exterior Pkg Unit - Cooling	40%	2023	\$22,900	2	\$200	
	Abandoned in Place, Extent . Location: 1 Unit On Roof Other Observation, Extent: Location: 1st Floor And Ro	Light, Area Affected : oof	100%			
	Explanation : Split Units Se			Floor		
Window/Wall Unit No Component	40% 20%	2019	\$5,900	1		
Distribution Ductwork/Diffusers	20% Other Observation, Extent: Location: 2nd Floor Explanation: Serves Bunk		**	2	\$2,000	
No Component	80%					
Terminal Devices Air Handler/Dir Expansion	20%	2023	\$12,700	1		
No Component	80%					
Heat Rejection Dry Cooler	40% Other Observation, Extent: Location: 1st Floor And ReExplanation: 2 - Split Unit	oof		2	\$2,100	
No Component	60%	3/1-K-22,1-K-4	1071			
No Component Ventilation	UU / 0					
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans Roof	100%	2028	\$11,800	2	\$200	
Plumbing						
H/C Water Piping Brass/Copper	100% nates are in current dollars and ar	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 72

Asset #: 13060

lechanical	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater						
Gas Fired	100%	2019	\$4,300	2	\$100	
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Basement					
	Explanation: 1 - 75 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2023	\$1,100	4	\$200	
Backflow Preventer						
No Component	95%					
Generic	5%	2028	\$100	1		
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1214

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 73/LADDER CO. 42

Address : 655 PROSPECT AVENUE

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSECO.073 / 13061 Yr Built/Renovated : 1900 / 2001

Area Sq Ft : 15,170 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2675 Lot : 33 BIN : 2094318

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$89,400	\$14,700
Electrical		\$96,200
Mechanical	\$159,800	\$42,500
Total	\$249,300	\$153,500
Importance Code A	\$89,400	\$14,700
Importance Code B	\$159,800	\$138,700
Total	\$249.300	\$153,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,100			\$1,800
Interior Architecture	\$8,800	\$1,700	\$6,500	
Electrical	\$16,900	\$1,100	\$3,000	\$1,200
Mechanical	\$17,400	\$1,800	\$24,600	\$2,200
Site Enclosure	\$500			
Site Pavements	\$16,300			
Total	\$75,100	\$4,600	\$34,200	\$5,100
Importance Code A	\$15,900	\$800	\$17,500	\$2,500
Importance Code B	\$34,500	\$3,200	\$16,700	\$2,600
Importance Code C	\$24,800	\$700		
Total	\$75,100	\$4,600	\$34,200	\$5,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13061

Architecture	Current Repair	Future Rep	lacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls						
Masonry: Brick	75% Now \$37,800		* *	5	\$25,100	
	Expansion Int Failure, Extent: Sever	e, Area Affected :	10%			
	Location: Between E73 And L42					
Masonry: Granite	5% Now \$9,900		* *	5	\$1,300	
	Staining/Discoloring, Extent: Moder	ate, Area Affectea	l : 40%			
	Location: Front Facade.					
Masonry: Limestone	10%	LIFE	* *	5	\$2,500	
Metal Sect. OHD	10%	2039	* *	5	\$10,500	
Windows						
Aluminum	100%	2042	* *	5	\$3,500	
Parapets						
Masonry: Brick	90%	LIFE	* *	5	\$2,800	
Masonry: Limestone	10%	LIFE	* *	5	\$400	
	Loose Units, Extent : Moderate, Area	Affected: 2%				
	Location: At Roof Ladder	A A CC . 1	20/			
	Other Observation, Extent: Moderate Location: Parapet	e, Area Affected :	2%			
	•	Damas To Con	ina Ctana			
Roof	Explanation: Roof Ladder Causing	Damage 10 Copi	ing Stone			
Asphalt Shingle	10%	2035	* *	10	\$200	
rispitati Simigio	Other Observation, Extent : Light, Ar		%	10	Ψ200	
	Location: Addition Behind Building					
	Explanation : Additional Storage Bi		rty			
Modified Bitumen	70% Now \$51,600		* *			
1/10 01110 0 2110111111	Drains Clogged, Extent: Light, Area					
	Location : Both Roof Drains Need T					
	Drains Inad/Misposn, Extent: Light,		%			
	Location : Roof Above 2nd Floor Bo					
	Ponding, Extent : Moderate, Area Aff	fected : 10%				
	Location: Upper And Lower Roof					
	Water Penetration, Extent : Severe, A	rea Affected : 109	%			
	Location: Upper Roof At Hvac Cur					
		rea Affected : 10	0/0			
	Other Observation, Extent : Severe, A	rea Ajjeciea . 10	70			
	Other Observation, Extent : Severe, A Location : Upper Roof At Hvac Cur		70			
		\dot{b}		oof Is Bu	ubbling	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13061

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	400/			LIDE	יש יש	-	Ф10,000	
Cast in Place Concrete	40%		E . M. L .	LIFE	**	5	\$19,900	
	_	_	Extent : Moderate at Gymnasium	, Area Aj	rfectea : 5%			
Ceramic Tile	5%			2035	* *	5	\$1,100	
Linoleum	5%			2027	\$10,900	3	\$400	
Quarry Tile	5%			2039	* *	5	\$1,700	
		ded, Extent 1 : Kitchen	: Light, Area Affec	cted : 5%	Ó			
Vinyl Tile	15%			2026	\$28,900	3	\$1,300	
Wood	30%			2061	* *	5	\$12,800	
	Deteriora	ted Finish,	Extent : Light, Are	a Affecte	d : 15%			
	Location	: Various	Locations Through	out				
Interior Walls	-			2025		_	6. 6 0 °	
Ceramic Tile	5%			2035	* *	5	\$1,300	
Gypsum Board		Now	\$600	LIFE	* *	5	\$4,000	
			Extent : Severe, Are Floor Locker Room		d : 5%			
Masonry: Brick	25%	Now	\$5,200	LIFE	* *			
		-	ients, Extent : Ligh it, Truck Side Unde		, ,			
	_	_	, Extent : Light, Ard nt Gymnasium, Trud		ed : 2%			
Plaster	20%	4+	\$2,200	LIFE	* *	5	\$1,600	
		ded, Extent 1 : 3rd Floo	: Light, Area Affec	cted : 5%			. ,	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	45%			2043	* *	5	\$10,200	
		stallation, E 1 : Through	Extent : Light, Area out.	Affected	! : 100%			
	Staining/L	Discoloring	, Extent : Light, Ard Locations Through		ed : 5%			
Evnogad Strug Staal	25%		Locations Through		* *			
Exposed Struc: Steel Gypsum Board	20%			LIFE LIFE	**	5	\$5,700	
Plaster	10%			LIFE	* *	5	\$1,400	
Site Enclosure	10/0			LIII		<i>J</i>	\$1,700	
Fence/Gates								
Chain link	100%	Now	\$500	2052	* *			
	Broken/M		nents, Extent : Mod		ea Affected : 10%			
		_	Froperty Extent : Light, Area	Affected	. 10%			
		i : Rear Of		тујестеи	. 10/0			
			e Has Been Vandal	lized				
Site Pavements	Барини	1 0110	c 11ab Deen Tandal					

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13061

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% Now \$16,300 2039 **

Cracking/Crumbling, Extent: Severe, Area Affected: 10%

Location: Front Apron

Other Observation, Extent: Severe, Area Affected: 25%

Location: Front Apron

Explanation: Apron And Street Sinking. Allowing Vehicle To Hit Sidewalk

Electrical	Cu	Current Repair Future Repla		Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment Fused Disc Sw	100% Other Observa Location : Bo	tion, Extent : Light, Area usement	2046 Affected .	* *	5	\$100	
	Explanation .	400 Amperes					
Switchgear / Switchboard Fused Disc Sw	100%	¥	2046	* *	5	\$100	
Raceway Conduit	100%		2046	* *	1		
Panelboards Molded Case Bkrs	100%		2034	* *	5	\$400	
Wiring Thermoplastic	100%		2036	* *	1		
Motor Controllers Locally Mounted	100%		2031	* *	5	\$100	
Grounding Devices	1000/		LIPP	* *	~	Ф200	
Generic	100%		LIFE	* *	5	\$200	
tand-by Power Transfer Switches Automatic	100% Recent Installa Location : Bo	tion, Extent : Light, Area	2043 Affected	* *	1	\$4,700	
Generators	Locuiton . Be	semeni					
Diesel	Location : Sid Other Observa	tion, Extent : Light, Area de Parking Area tion, Extent : Light, Area de Parking Lot · 125 Kva			1	\$5,900	
Batteries Lead/Acid		tion, Extent : Light, Area de Parking Lot Within Ge			5	\$600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13061

Electrical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage				_		
Day Tank	100%	2048	**	5	\$2,800	
	Other Observation, Extent		: 100%			
	Location: Side Parking					
T 1. 1.41	Explanation: 225 Gallor	is				
Lighting Interior Lighting						
Fluorescent	95%	2026	\$39,000	10	\$13,200	
Tuorescent	T-8 Lamps And Fixtures, E			10	\$13,200	
	Location : Throughout		. 100,0			
Incandescent	5%	2026	\$4,900	2		
	Other Observation, Extent Location : Stair Tower	: Light, Area Affected	: 100%			
	Explanation : Jellyjars					
Egress Lighting						
Emergency, Service	50%	2026	\$3,700	1		
Exit, Service	50%	2026	\$800	1		
Exterior Lighting						
HID	100%	2026	\$57,200	10		
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Exterior					
	Explanation : Photocell	Control				
Alarm						
Fire/Smoke Detection	90%					
No Component Generic, Analog	90% 10% 0-2	\$15,700 2036	* *	1-3	\$800	
Generic, Analog	0-2 Other Observation, Extent	. ,		1-3	\$000	
	Location: Throughout	. ықт, тысы турестей	. 100/0			
	Explanation : Obsolete					
	Explanation . Obsolete					

lechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Furnace	50%	2021	\$16,700	1	\$3,800	
	Other Observation, Extent : Light, Area	Affected:	100%			
	Location: Roof					
	Explanation: 6 Gas Fired Heating / C	Cooling Uni	its. See A C Sect	ion For l	Votes	
Hot Water Boiler	50%	2031	* *	1	\$3,800	
Distribution						
Hot Wtr Piping/Pump	100%	2042	* *	4	\$700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13061

System Component Type Heating Terminal Devices Convector/Radiator Fan Coil Unit/Heat	% of Total 80% 20%	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Terminal Devices Convector/Radiator						(113)		
Terminal Devices Convector/Radiator				•				•
Fan Coil Unit/Heat	20%			2039	* *	1	\$3,900	
Tun con ome men				2026	\$42,500	1	\$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	90%	2-4	\$159,800	2036	* *	2	\$700	
		ctent : Seve : 2nd Floo	re, Area Affected r	: 10%				
	Other Obs Location		xtent : Moderate,	Area Affe	ected : 100%			
	Explanat	ion : Units	$Past\ Useful\ Life.$	Prone To	o Failures Requires	s Freque	nt Repair	
Split Unit	10%	2-4	\$15,100	2034	* *			
-	Location	: Basemen	-					
Distribution	Expianai	ion : inaoc	or Unit Old And In	isufficieni				
Distribution Ductwork/Diffusers	100%			LIFE	* *	2	\$19,700	
/entilation	10070			LIIT			\$19,700	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,500	
Exhaust Fans	10070						ψο,200	
Interior	100%			2031	* *	2	\$500	
lumbing	10070						4000	
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2025	\$8,700	2	\$200	
	Recent Rep	olace Evide	ent, Extent : Light,	Area Aff	ected : 100%			
	Location	: Basemen	t					
		ervation, E : Basemen	xtent : Light, Ared t	a Affected	! : 100%			
	Explanat	<u>ion : 2 - 75</u>	Gallon Units					
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2019	\$500	4	\$500	
Fixtures Generic	100%							

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1220

FIRE DEPARTMENT - 057 ENGINE CO. 73/LADDER CO. 42

Asset #: 13061

Mechanical	Current Repair	Future Replaceme	nt	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Sprinkler Generic	100%	2046	* *	1-2	\$4,200	
Generic	Other Observation, Extent : Light, A			. 2	ψ1,200	
	Location: Kitchen					
	Explanation: System Serves Cooki	ing Area				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1221

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 74

Address : 120 WEST 83rd STREET BTWN COLUMBUS AV - AMSTERDAM AV

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 6,003 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Feb-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3,4

Block : 1213 Lot : 41 BIN : 1032079

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$68,900	
Interior Architecture		\$45,100
Electrical		\$85,400
Mechanical		\$41,800
Total	\$68,900	\$172,300
Importance Code A	\$68,900	
Importance Code B		\$172,300
Total	\$68,900	\$172,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$27,000			\$8,100
Interior Architecture	\$76,500			\$700
Electrical	\$38,000			\$14,400
Mechanical	\$4,100	\$900	\$800	\$4,900
Total	\$145,600	\$900	\$800	\$28,100
Importance Code A	\$27,600	\$600	\$600	\$8,700
Importance Code B	\$96,600	\$300	\$300	\$19,400
Importance Code C	\$21,400			
Total	\$145,600	\$900	\$800	\$28,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ENGINE CO. 74

Asset #: 13062

rchitecture	Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Exterior Walls						_		
Masonry: Brick	Location Staining/D	: North Fa	Extent : Moderate			5	\$22,900	
Masonry: Brownstone	Location	: North Fa	\$13,500 ht, Area Affected : cade Extent : Moderate		* * ffected : 25%	5	\$2,100	
		: North Fa	cade					
Wood Overhead Doors	10%			2037	* *	5	\$14,300	
Windows Aluminum		0-2 c Not Fund : Through	\$8,600 ct, Extent : Moderc out	2040 ate, Area	* * Affected : 20%	5	\$500	
Parapets								
Metal Cornice Not Accessible	40% 60% Other Obse Location		xtent : Light, Area	2052 Affected	**	10	\$1,000	
	Explanati	ion : Bitun	inous Flashing Co	mpletely	Covers Parapet T	o Unders	side Of Metal Cap	
Roof	100/			2022	* *	10	¢100	
Asphalt Shingle Modified Bitumen	10% 90%			2033 2029	* *	10 10	\$100 \$4,900	
erior							·	
Floors Cast in Place Concrete		0-2 ervation, E : Basemen	\$21,200 xtent : Moderate, 1	LIFE Area Affe	* * ected : 40%	5	\$4,500	
				ent Supp	ort Apparatus Flo	or Above	•	
Ceramic Tile	2%	5.000		2039	**	5	\$200	
	Recent Rep	lace Evide : Through	nt, Extent : Light, out		ected : 100%	-	<i>\$</i> 200	
Ceramic Tile	3%			2033	* *	5	\$200	
Quarry Tile	5% 0-2 \$2,300 2037 ** 5 \$300 Cracking/Crumbling, Extent: Light, Area Affected: 20% Location: Throughout							
Vinyl Tile	_	0-2 Crumbling, : Through	\$18,000 Extent : Severe, A out	2024 rea Affec	\$45,100 eted : 60%	3	\$2,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13062

\$1,100	Priority						
\$1,100							
\$1,100							
\$1,100							
	Diagonal Cracks, Extent : Moderate, Area Affected : 20% Location : Throughout						
\$300							
Paint Peeling, Extent : Severe, Area Affected : 20% Location : Basement							
\$1,900							
-							
\$2,200							
\$700							
4,							
\$1 300							
Ψ1,500							
_	\$700 \$1,300						

lectrical	Current Repair	Future	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2024	\$4,800	5		
	Other Observation, Extent: Moderate,	Area Affect	ted : 100%			
	Location: Basement					
	Explanation: One 200 Amperes Main	n Disconnec	ct Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$48,800	5	\$200	
Raceway						
Conduit	100%	2024	\$31,300	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13062

Electrical	Current Repair	Future F	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Panelboards							
Fused Disc Sw	5%	2023	\$1,900	5			
Molded Case Bkrs	95%	2023	\$36,600	5	\$200		
Wiring	_						
Thermoplastic	100%	2024	\$27,700	1			
Motor Controllers							
Locally Mounted	100%	2022	\$14,400	5			
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
Lighting							
Interior Lighting							
Fluorescent	60%	2019	\$9,800	10	\$3,300		
	Other Observation, Extent : Mo	, 33	ed : 100%				
	Location : Basement, 3rd And	4th Floors					
	Explanation: T-12 Lamps						
Fluorescent	40%	2029	* *	10	\$2,200		
	T-8 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%						
	Location: 1st And 2nd Floors						
Exterior Lighting							
HID	100%	2019	\$22,600	10			

Mechanical	Current Repair	Future Rep	Future Replacement Maintenance		aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2050	* *	1		
Conversion Equipment						
Steam Boiler	100%	2041	* *	1	\$5,900	
	Other Observation, Extent : Ligh	nt, Area Affected : 100	%			
	Location : Basement					
	Explanation : One Unit					
Distribution						
Central Plant Steam	100%	2034	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2029	* *	1	\$1,900	
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment						
Window/Wall Unit	50%	2023	\$5,800	1		
No Component	50%					
Plumbing						

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 74

Asset #: 13062

Mechanical	Current Repair	Current Repair Future Replacem		ement Maintenance		e	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
lumbing							
H/C Water Piping							
Brass/Copper	100%	2024	\$41,800	1			
	Not Insulated, Extent : Moderate, Area	a Affected :	100%				
	Location: Basement	1.00 . 1 1	000/				
	No Water Meter, Extent: Light, Area	Affected : 1	00%				
Watan Haatan	Location : Basement						
Water Heater Gas Fired	100%	2022	\$3,400	2	\$100		
Gas Filed	Other Observation, Extent: Light, Are			2	\$100		
	Location: Basement	и Пусски	10070				
	Explanation: 2 - 74 Gallon Units						
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100% Now \$2,300	LIFE	* *	1			
	Other Observation, Extent : Moderate	, Area Affec	eted : 20%				
	Location: Rear Yard						
	Explanation : Backs Up When It Rai	ns Hard					
Sump Pump(s)							
Non-Submersible	100% Now \$900		* *	4	\$100		
	On Extended Life, Extent : Severe, Are	ea Affected	: 100%				
	Location: Basement		1000/				
	Other Observation, Extent : Light, Are	ea Affected .	: 100%				
	Location: Basement						
D. 1.C D	Explanation: 2 Pits With Pumps						
Backflow Preventer No Component	95%						
Generic	5%	2029	* *	1			
Generic	Other Observation, Extent : Light, Are		. 100%	1			
	Location: Basement	11/1/20104	100,0				
	Explanation : Serves Boiler Only						
Fire Suppression	*						
Chemical System							
Wet	10%	2022	\$200	1-3	\$500		
	Other Observation, Extent: Light, Are	ea Affected .	100%				
	Location: Kitchen						
	Explanation: Model Kp 275 For Kit	chen Hood					
No Component	80%						
Generic	10%	2022	\$200	1-3	\$400		
	Other Observation, Extent: Light, Are	ea Affected .	: 100%				
	Location: Throughout						
	Explanation: Fire Extinguishers						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19

Address : 2175 WALTON AVENUE

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSECO.075 / 13063 Yr Built/Renovated : 2000 / 2011

Area Sq Ft : 12,541 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3186 Lot : 37 BIN : 2000000

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$77,100
Total		\$77,100
Importance Code A		\$77,100
Total		\$77.100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,700			\$1,000
Interior Architecture	\$46,000	\$2,900		\$900
Electrical	\$3,600	\$1,600	\$4,600	\$2,000
Mechanical	\$1,700	\$1,400	\$7,500	\$1,600
Total	\$55,000	\$5,900	\$12,000	\$5,500
Importance Code A	\$4,300	\$600	\$600	\$1,600
Importance Code B	\$41,000	\$3,800	\$11,400	\$3,900
Importance Code C	\$9,800	\$1,500		
Total	\$55,000	\$5,900	\$12,000	\$5,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13063

System Component Type Fail Date Estimated Cost Type Estimated Cost Type Exterior Walls Concrete Masonry Unit Exposed Strue: Steel 2%	Architecture	Current Rep	pair Future F	Replacement	M	aintenance	
Exterior Walls	Component			stimated Cost	•	Estimated Cost	Priority
Concrete Masonry Unit Exposed Strue: Steel 2% Life * * 5 \$12,500	Exterior						
Exposed Struc: Steel 2% LIFE ** 5 \$1,500		0.50/		ماد ماد	_	010 7 00	
Other Observation, Extern: Light, Area Affected: 100% Location: Located At Entry And Paved Plaza/Roof	_						
Metal Sect. OHD	Exposed Struc: Steel				3	\$1,500	
Metal Sect. OHD							
Metal Sect. OHID			•	oj			
Pre-Cast Concrete 3%	Metal Sect_OHD			* *	5	\$7,300	
Windows Aluminum 95% 2042 ** 5 \$2,000 Glass Block 5% LIFE ** 5 \$100				* *			
Aluminum 95% 2042						\$2,200	
Glass Block 5%		95%	2042	* *	5	\$2,000	
Concrete Masonry Unit Recast Concrete 15%	Glass Block			* *			
Pre-Cast Concrete 15%	Parapets						
Roof Modified Bitumen	Concrete Masonry Unit	85%	LIFE	* *	5	\$6,100	
Modified Bitumen	Pre-Cast Concrete	15%	LIFE	* *	5	\$6,000	
Alligatoring, Extent : Light, Area Affected : 50% Location : At Seams, Throughout Main Roof. Ponding, Extent : Light, Area Affected : 5% Location : Center Main Roof. Recent Repair Evident, Extent : Light, Area Affected : 15% Location : Main Roof Adjacent To Parapets Worn/Eroded, Extent : Light, Area Affected : 75% Location : Throughout Main Roof Panel/Paver: Cer/Brk Panel/Paver: Cer/Brk 20% 2046 ** 10 \$4,400 Interior Floors Cast in Place Concrete Horizontal Cracks, Extent : Light, Area Affected : 20% Location : Basement And Apparatus Floor. Ceramic Tile Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Kitchen Uneven Substrate, Extent : Severe, Area Affected : 20% Location : Kitchen Uneven Substrate, Extent : Severe, Area Affected : 20% Location : Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$2,900 Correcte Masonry Unit Vertical Cracks, Extent : Light, Area Affected : 5% Location : Various Locations on Apparatus Floors Other Observation, Extent : Light, Area Affected : 10% Location : Various Locations on Apparatus Floors, Stair Bulkhead. Explanation : Paint Peeling.							
Location: At Seams, Throughout Main Roof. Ponding, Extent: Light, Area Affected: 5% Location: Center Main Roof. Recent Repair Evident, Extent: Light, Area Affected: 15% Location: Main Roof Adjacent To Parapets Worn/Eroded, Extent: Light, Area Affected: 75% Location: Throughout Main Roof Panel/Paver: Cet/Brk 20% 2046 ** 10 \$4,400 Interior Floors Cast in Place Concrete Horizontal Cracks, Extent: Light, Area Affected: 20% Location: Basement And Apparatus Floor. Ceramic Tile 15% 2035 ** 5 \$2,800 Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Light, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Light, Area Affected: 5% Location: Kitchen Uneven Substrate, Extent: Light, Area Affected: 5% Location: Kitchen Uneven Substrate, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floors Other Observation, Extent: Light, Area Affected: 10% Location: Various Locations on Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.	Modified Bitumen			\$77,100	10	\$13,300	
Ponding, Extent : Light, Area Affected : 5% Location : Center Main Roof. Recent Repair Evident, Extent : Light, Area Affected : 15% Location : Main Roof Adjacent To Parapets Worn/Eroded, Extent : Light, Area Affected : 75% Location : Throughout Main Roof Panel/Paver: Cer/Brk 20% 2046 ** 10 \$4,400 Interior Floors Cast in Place Concrete Horizontal Cracks, Extent : Light, Area Affected : 20% Location : Basement And Apparatus Floor. Ceramic Tile 15% 2035 ** 5 \$2,800 Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent : Moderate, Area Affected : 15% Location : Kitchen Uneven Substrate, Extent : Severe, Area Affected : 20% Location : Kitchen Uneven Substrate, Extent : Severe, Area Affected : 20% Location : Kitchen Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,800 Vertical Cracks, Extent : Light, Area Affected : 5% Location : Various Locations on Apparatus Floors, Stair Bulkhead. Explanation : Paint Peeling.							
Location : Center Main Roof. Recent Repair Evident, Extent : Light, Area Affected : 15% Location : Main Roof Adjacent To Parapets Worn/Eroded, Extent : Light, Area Affected : 75% Location : Throughout Main Roof Panel/Paver: Cer/Brk 20% 2046 ** 10 \$4,400 Interior Floors Cast in Place Concrete Horizontal Cracks, Extent : Light, Area Affected : 20% Location : Basement And Apparatus Floor. Ceramic Tile 15% 2035 ** 5 \$2,800 Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent : Moderate, Area Affected : 15% Location : Kitchen Uneven Substrate, Extent : Severe, Area Affected : 20% Location : Kitchen Uneven Substrate, Extent : Severe, Area Affected : 20% Location : Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile 15% Source Affected : 5% Location : Various Locations on Apparatus Floor. Other Observation, Extent : Light, Area Affected : 5% Location : Various Locations on Apparatus Floor. Other Observation, Extent : Light, Area Affected : 10% Location : North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation : Paint Peeling.			-				
Recent Repair Evident, Extent: Light, Area Affected: 15% Location: Main Roof Adjacent To Parapets Worn/Evoded, Extent: Light, Area Affected: 75% Location: Throughout Main Roof Panel/Paver: Cer/Brk 20% 2046 ** 10 \$4,400 Interior Floors Cast in Place Concrete Hovizontal Cracks, Extent: Light, Area Affected: 20% Location: Basement And Apparatus Floor. Ceramic Tile 15% 2035 ** 5 \$2,800 Quarry Tile 59% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 50% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 50% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 50% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 50% Location: Virial Affected: 50% Location: Virial Affected: 50% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.		-	==				
Location : Main Roof Adjacent To Parapets Worn/Eroded, Extent : Light, Area Affected : 75%			-	1 150/			
Worn/Eroded, Extent : Light, Area Affected : 75% Location : Throughout Main Roof				d: 15%			
Location : Throughout Main Roof 20% 2046 ** 10 \$4,400		-					
Panel/Paver: Cer/Brk 20% 2046 ** 10 \$4,400			=				
Interior Floors Cast in Place Concrete 40% Now \$3,900 LIFE ** * 5 \$16,400 Horizontal Cracks, Extent : Light, Area Affected : 20% Location : Basement And Apparatus Floor.	D 1/D			* *	10	¢4.400	
Cast in Place Concrete 40% Now \$3,900 LIFE ** * 5 \$16,400		20%	2040		10	\$4,400	
Cast in Place Concrete 40% Now \$3,900 LIFE ** 5 \$16,400 Horizontal Cracks, Extent: Light, Area Affected: 20% Location: Basement And Apparatus Floor. Ceramic Tile 15% 2035 ** 5 \$2,800 Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floors. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.							
Horizontal Cracks, Extent: Light, Area Affected: 20% Location: Basement And Apparatus Floor. Ceramic Tile 15% 2035 8** 5 \$2,800 Quarry Tile 5% Now \$13,500 2039 8** 5 \$700 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Vinyl Tile 40% 2031 8** 3 \$3,800 Interior Walls Ceramic Tile 15% 2035 8** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE 8** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.		40% Now	\$3,000 TIFE	* *	5	\$16.400	
Ceramic Tile 15% 2035 ** 5 \$2,800 Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.	Cast III I lace Concrete			20%	3	\$10,400	
Ceramic Tile			0 00	,			
Quarry Tile 5% Now \$13,500 2039 ** 5 \$700 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.	Caramia Tila			* *	5	\$2.800	
Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.				* *		·	
Location: Kitchen Uneven Substrate, Extent: Severe, Area Affected: 20% Location: Kitchen Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.	Quarry Tric		·	cted: 15%	3	\$700	
Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.		-	,,				
Vinyl Tile 40% 2031 ** 3 \$3,800 Interior Walls Ceramic Tile Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.			at : Severe, Area Affected : 1	20%			
Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.			, 33				
Interior Walls Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.	Vinyl Tile	40%	2031	* *	3	\$3,800	
Ceramic Tile 15% 2035 ** 5 \$2,900 Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.	· ·	****				<i>\$2,000</i>	
Concrete Masonry Unit 45% Now \$9,800 LIFE ** 5 \$3,500 Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.		15%	2035	* *	5	\$2.900	
Vertical Cracks, Extent: Light, Area Affected: 5% Location: Various Locations on Apparatus Floor. Other Observation, Extent: Light, Area Affected: 10% Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.				* *			
Other Observation, Extent : Light, Area Affected : 10% Location : North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation : Paint Peeling.	Ž	Vertical Cracks, Extent					
Location: North And East Walls Of Apparatus Floors, Stair Bulkhead. Explanation: Paint Peeling.		Location : Various Loc	cations on Apparatus Floor				
Explanation: Paint Peeling.		Other Observation, Exte	nt : Light, Area Affected : 1	10%			
		Location: North And I	East Walls Of Apparatus Fl	oors, Stair Bulk	head.		
Gypsum Board 40% LIFE ** 5 \$4,700		Explanation : Paint Pe	eeling.				
	Gypsum Board	40%	LIFE	* *	5	\$4,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13063

Architecture		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%	Now	\$1,400	2039	* *	5	\$4,200	
	Broken/Mis	sing Element	s, Extent : Light	t, Area A	ffected : 2%			
	Location .	: 2nd Floor L	aundry Room.		-			
Exposed Concrete	55%	Now	\$16,600	LIFE	* *	5	\$1,600	
•	Cracking/C	Crumbling, Ex	tent : Moderate	, Area A	ffected : 4%			
	Location .	: Roof Stair E	Bulkhead And Bo	isement l	Below Kitchen			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	'		•	•			
Service Equipment							
Fused Disc Sw	100%		2046	* *	5	\$100	
		rvation, Extent : Light, Area	Affected	: 100%			
		Basement					
	Explanation	on : 600 Amperes Service					
Switchgear / Switchboard Fused Disc Sw	100%		2046	* *	5	\$100	
Raceway							
Conduit	100%		2046	* *	1		
Panelboards Molded Case Bkrs	100%		2042	* *	5	\$300	
Wiring							
Thermoplastic	100%		2046	* *	1		
Motor Controllers							
Locally Mounted	100%		2039	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Stand-by Power							
Transfer Switches	1000/		2021	* *	1	#2 000	
Automatic	100%		2031		1	\$3,900	
		rvation, Extent : Light, Area : Basement	Affectea	: 100%			
Generators	Explanation	on : 200 Amperes					
Diesel	100%		2029	* *	1	\$4,900	
Diesei		rvation, Extent : Light, Area			1	\$4,900	
		: Building Exterior	Ајјестеи	. 100/0			
		on: 64 Kw					
Batteries	2. prantan						
Lead/Acid	100%		2019	\$1,500	5	\$500	
Fuel Storage	10070		2017	Ψ1,500		\$200	
Main Tank	100%		2041	* *	5	\$400	
Lighting						+ . 0 0	

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13063

Electrical	Cı	ırrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		d Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$34,000	10	\$11,500	
	T-8 Lamps And	d Fixtures, Extent : Light,	Area Afj	fected : 100%			
	Location: Ti	hroughout The Building					
Egress Lighting							
Emergency, Service	50%		2026	\$3,100	1		
Exit, Battery	50%		2021	\$2,300	10	\$400	
Exterior Lighting							
HID	100%		2031	* *	10		
Alarm							
Fire/Smoke Detection							
Generic, Digital	100%		2034	* *	1-3	\$8,000	

Mechanical	Current Repa	air Futur	Future Replacement		aintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2046	* *	1			
Conversion Equipment							
Furnace	50%	2031	* *	1	\$3,100		
	Other Observation, Exter	it : Light, Area Affected	: 100%				
	Location: Roof						
	Explanation: 7 - Gas F	ired Heating / Cooling	Units				
Hot Water Boiler	50%	2039	* *	1	\$3,100		
Distribution							
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$3,500		
Hot Wtr Piping/Pump	50%	2042	* *	4	\$300		
Terminal Devices							
Convector/Radiator	98%	2039	* *	1	\$4,000		
Unit Heater - Steam	2%	2031	* *	4			
Air Conditioning							
Energy Source							
Electricity	100%	2042	* *	1			
Conversion Equipment Ext Pkg Unit -	98%	2031	* *	2	\$800		
Heating/Cooling	R-22 Refrigerant, Extent Location : Roof	: Light, Area Affected :	100%				
Split Unit	2%	2031	* *				
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2	\$16,300		
Ventilation							
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,000		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13063

Mechanical	Current Repair	Current Repair Future Re		M	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Roof	100%	2031	* *	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$7,200	2	\$200	
	Other Observation, Extent : Light, Ar	ea Affectea	l : 100%			
	Location: Basement					
	Explanation: 2 - 75 Gallon Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2031	* *	4	\$400	
	Other Observation, Extent: Light, Ar	ea Affectea	l : 100%			
	Location: Basement					
	Explanation: Duplex Unit					
Backflow Preventer						
Generic	100%	2031	* *	1	\$800	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Address : 145 WEST 100th STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.076 / 13064 Yr Built/Renovated : 1960 /

Area Sq Ft : 12,803 Project Type : FIRE DEPARTMENT

Date of Survey : 11-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1855 Lot : 5 BIN : 1055910

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$68,000
Interior Architecture		\$67,800
Total		\$135,800
Importance Code A		\$68,000
Importance Code B		\$67,800
Total		¢125 900

Total \$135,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$43,700			\$8,300
Interior Architecture	\$46,600	\$2,100		\$800
Electrical		\$200		\$13,900
Mechanical	\$3,200	\$500	\$800	\$16,500
Total	\$93,500	\$2,800	\$800	\$39,500
Importance Code A	\$43,700			\$8,300
Importance Code B	\$46,100	\$2,300	\$800	\$31,200
Importance Code C	\$3,700	\$600		
Total	\$93,500	\$2,800	\$800	\$39,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13064

chitecture	Current Rep	air Futu	ure Replacement	M	aintenance	
stem Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior						
Exterior Walls						
Masonry: Brick	70%	LIFE		5	\$15,600	
Masonry: Granite	5%	LIFE		5	\$800	
Masonry: Limestone	10%	LIFE		5	\$1,700	
	Caulking Deteriorated, I Location : Street Facad		a Affected : 10%			
Wood	5%	2032	* *	5	\$5,600	
	Other Observation, External Location: Rear Of Lot Explanation: Built Out.	-				
Wood Overhead Doors	10%	2032	* *	5	\$11,100	
Windows					·	
Aluminum	100% Now Air Infiltration, Extent: Location: Throughout		100%	5	\$300	1
	Broken/Missing Element Location: Throughout Other Observation, Exter Location: Throughout Explanation: Windows Should Be Replaced.	nt : Severe, Area Affec	ted : 100%	nd Inope	rable. They	
Parapets				_		
Cast Stone/Terra Cotta	20%	LIFE		5	\$2,400	
Masonry: Brick	80%	LIFE	**	5	\$1,200	
Roof Roll Roofing	100% Now Blisters, Extent: Modera Location: Various Loc Debris Present, Extent: Location: Throughout	ations Throughout	%	5	\$13,800	
	Drains Inad/Misposn, Ex Location: Center Of R Ponding, Extent: Moder	oof ate, Area Affected : 25				
	Location: Center Of R Water Penetration, Exter Location: Bunk Room	nt : Moderate, Area Afj	fected : 15%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13064

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete	Cracking/ Location Misaligne	ı : Through d/Bulging,	\$18,300 Extent : Moderate out Apparatus Roo Extent : Moderate, Bay Of Appartaus K	m Area Aff		5	\$19,300	
C '. T'1.					* *	-	£400	
Ceramic Tile	_		\$900 Extent : Moderate Room	2030 , Area Aj		5	\$400	
Ceramic Tile	Location	servation, E 1 : Chief, O	\$17,000 Extent : Moderate, 1 fficer And Laundry Beyond Useful Life		* * ected : 100%	5	\$400	
Quarry Tile	5%			2040	* *	5	\$1,300	
Vinyl Tile 9" X 9"		issing Elem	\$6,800 ents, Extent : Mod Floor Corridor	2027 erate, Ar	\$67,800 rea Affected : 15%	3	\$2,300	
Interior Walls								
Ceramic Tile	10%			2030	* *	5	\$1,200	
Gypsum Board	10%			LIFE	* *	5	\$700	
Plaster	Location Water Per	lam Surface 1 : Apparati 1etration, E	\$3,700 c, Extent : Moderat us Room xtent : Moderate, A ir And Bunk Room			5	\$700	
SGFT/Glazed Masonry	60%			LIFE	* *			
Ceilings	0070							
AcousTileSusp.Lay-In	10%			2040	* *	5	\$1,800	
Exposed Concrete	40%			LIFE	* *	5	\$1,100	
Plaster	50%			LIFE	* *	5	\$5,500	

lectrical		Current Repair		Future Replacement		Maintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Raceway							
Conduit	100%		2037	* *	1		
Panelboards							
Fused Disc Sw	10%		2035	* *	5		
Molded Case Bkrs	90%		2035	* *	5	\$300	
Wiring							
Thermoplastic	100%		2037	* *	1		
Motor Controllers							
Locally Mounted	100%		2032	* *	5	\$100	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13064

Electrical	Current Repair	pair Future Replacement			Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	90%	2027	\$31,200	10	\$10,600	
	T-8 Lamps And Fixtures, Extent					
	Location : Throughout The Bu	ilding				
Fluorescent	9%	2022	\$3,100	10	\$1,100	
	T-12 Lamps And Fixtures, Exten	ıt : Moderate, Area A	ffected : 100%			
	Location: Throughout The Bu	ilding				
LED	1%	2035	* *			
Exterior Lighting						
HID	20%	2022	\$9,700	10		
No Component	80%					

Mechanical	Current Repair	Future R	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Not Accessible	100%						
	Other Observation, Extent: Light,	Area Affected : 0	%				
	Location:						
	Explanation : The Heating Sourc	e (Hot Water) Is I	From Adjacent	Building	(Police Station)		
Conversion Equipment							
Not Accessible	100%						
	Other Observation, Extent: Light,	Area Affected : 0	%				
Location:							
	Explanation: The Heating Source	e (Hot Water) Is I	From Adjacent	Building	(Police Station)		
Distribution							
Hot Wtr Piping/Pump	100%	2035	* *	4	\$900		
Terminal Devices							
Convector/Radiator	60%	2032	* *	1	\$2,500		
Unit Heater - Steam	40%	2027	\$17,100	4	\$700		
Air Conditioning							
Energy Source							
Electricity	100%	2035	* *	1			
Conversion Equipment							
Split Unit	10%	2032	* *				
	Other Observation, Extent: Light,	Area Affected : 1	0%				
	Location : Roof						
	Explanation: 1 Unit. R-410a						
Window/Wall Unit	50%	2022	\$12,500	1			
No Component	40%						
Ventilation							
Distribution							
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$1,400		
No Component	80%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13064

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	20%			2027	\$4,000	2	\$100	
Wall Unit	30%			2022	\$1,300	2	\$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2025	\$10,500	4	\$100	
	Other Obse	ervation, Exter	nt : Light, Area	Affected	! : 100%			
	Location	: 1st Floor						
	Explanati	ion : 2 - 120 G	allon Units					
Sanitary Piping								
Cast Iron	100%	Now	\$1,800	LIFE	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 2%							
	Location	: 1st Floor Op	erational Area	!				
	Explanati	on : The Cove	r Is Missing					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
	Obsolete F	ixtures, Extent	: Severe, Area	ı Affected	d: 100%			
		: Throughout						
Fire Suppression								
Chemical System								
Generic	100%			2022	\$1,900	1-3	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 79

Address : 2928 BRIGGS AVENUE @ E.199 ST

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 6,804 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,1

Block : 3297 Lot : 9 BIN : 2016936

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$48,400	
Electrical		\$114,500
Total	\$48,400	\$114,500
Importance Code A	\$48,400	
Importance Code B		\$114,500
Total	\$48,400	\$114,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,000	\$100		
Interior Architecture	\$23,900			\$800
Electrical	\$4,200	\$500	\$500	\$500
Mechanical	\$13,700	\$1,100	\$1,000	\$1,200
Total	\$43,800	\$1,600	\$1,500	\$2,500
Importance Code A	\$2,700	\$800	\$700	\$700
Importance Code B	\$41,100	\$900	\$800	\$1,900
Importance Code C				
Total	\$43,800	\$1,600	\$1,500	\$2,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13065

Architecture	Current Repair		Future Replacement		M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2044	* *	10	\$100	
Masonry: Brick	50%	C E		LIFE	**	5	\$4,100	
		-	ent : Moderate, Ai d South Facades	rea Ађес	tea : 50%			
Masonry: Brick	30%			LIFE	* *	5	\$2,400	
Masonry: Granite	5%			LIFE	* *	5	\$300	
Wood Overhead Doors	10%			2029	* *	5	\$4,100	
Windows Aluminum	100%			2040	* *	5	\$200	
Parapets	10070			2040			Ψ200	
Masonry: Brick	80%			LIFE	* *	5	\$900	
Pre-Cast Concrete	20%			LIFE	* *	5	\$1,400	
Roof							4-,	
Asphalt Shingle	5%			2033	* *	10	\$100	
Modified Bitumen	92%	2-4	\$48,400	2034	* *			
	Seams Ope	: Throughe en/Split, Ex : Throughe	tent : Moderate, A	rea Affec	cted : 25%			
Skylight, Metal/Glass	3%			2034	* *	10	\$900	
Interior								
Floors Cast in Place Concrete	50%			LIFE	* *	5	\$10,000	
Cast III I face Concrete	Recent Rep	olace Evide : Apparatu	nt, Extent : Light, us Floor		ected : 100%	3	\$10,000	
Ceramic Tile	5%	Now	\$4,400	2033	* *	5	\$200	
	Location Poor Subfi Location Water Pen	: Second F loor Eviden : Second F etration, E	Extent : Moderate Floor Restroom et, Extent : Modera Floor Restrroom extent : Moderate, A paratus Floor	ıte, Area	Affected : 25%			
Quarry Tile	5%			2037	* *	5	\$700	
Vinyl Tile	Location	: Second F				3	\$1,400	
		s, Extent : : Second F	Moderate, Area A loor	јјестеа :	<i>237</i> 0			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13065

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior	•							
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$300	
Gypsum Board	5%			LIFE	* *	5	\$200	
Masonry: Brick	15%			LIFE	* *			
Masonry: Fieldstone	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	\$600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$1,000	
Ceilings								
AcousTileSusp.Lay-In	Broken/M Location Water Per	: Apparatı	xtent : Severe, Ared		-	5	\$200	
Embossed Metal	Broken/M Location	: Rear Of	\$6,400 ents, Extent : Seve Apparatus Room tent : Severe, Area		-	5	\$1,700	
	-		aem . severe, Area Apparatus Room	Ајјестес	l. 100%			
Exposed Struc: Steel		place Evide : Basemen	ent, Extent : Light, .	LIFE Area Aff	* * ected : 100%			
Gypsum Board	15%			LIFE	* *	5	\$1,700	
Plaster	20%			LIFE	* *	5	\$1,100	
Site Enclosure Free Standing Walls Masonry: Brick	100%			2044	* *	-	, , , , , ,	
Site Pavements On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair	Future Re	eplacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•	•			
Service Equipment						
Fused Disc Sw	100%	2034	* *	5		
	Other Observation, Extent: Moderate,	Area Affectea	d: 100%			
	Location: Basement					
	Explanation : Main Service Switch Ra	ited @ 200 Ai	mperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$48,800	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13065

Electrical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	50%	2024	\$15,600	1		
Conduit	50%	2034	* *	1		
Panelboards						
Fused Disc Sw	10%	2032	**	5		
Molded Case Bkrs	10%	2032	**	5	0100	
Molded Case Bkrs	80%	2023	\$30,800	5	\$100	
Wiring	50%	2024	¢12 000	1		
Thermoplastic Thermoplastic	50%	2024	\$13,800 * *	1 1		
Ground	3076	2034		1		
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power	10070	Ent			Ψ100	
Transfer Switches						
Automatic	100%	2029	* *	1	\$2,100	
Generators					·	
Diesel	100%	2027	\$65,700	1	\$2,600	
	Other Observation, Extent : Mod	lerate, Area Affectea	l : 100%			
	Location: Outside					
	Explanation: Emergency Gene	erator Rated @ 81 K	.va			
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Main Tank	100%	2039	**	5	\$200	
	Other Observation, Extent: Mod	lerate, Area Affectea	l : 100%			
	Location : Outside					
T 1 1	Explanation: 75 Gallon Capac	city				
Lighting Interior Lighting						
Fluorescent	88%	2024	\$16,200	10	\$5,500	
Puorescent	T-8 Lamps And Fixtures, Extent			10	\$5,500	
	Location: Throughout The Bu		jecieu . 10070			
Elyanagaant	2%		\$400	10	\$100	
Fluorescent	270 Other Observation, Extent : Mod	2024		10	\$100	
	Location: 2nd Floor	іегиіе, Агей Ајјесіей	1. 100/0			
	Explanation : Compact Fluore	scent LightFirtures				
El.,			* *			
Fluorescent	Other Observation, Extent : Mod	1,800 2034				
	Location: Basement Througho		i. 10070			
	Explanation: Fixtures Not Wo					
Egress Lighting	Explanation . Pixtures 1101 WO	i kiiig.				
Egress Eighting	100%	2024	\$3,300	1		
Emergency Service						
Exterior Lighting	10070	2027	\$2,200			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13065

Mechanical		Current Repair		e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment	10070		2034				
Steam Boiler	100%		2037	* *	1	\$6,700	
Distribution	10070		2037			ψ0,700	
Central Plant Steam	100%		2034	* *	4	\$300	
Piping/Pmp	10070		203.		•	Ψ200	
Terminal Devices							
Convector/Radiator	100%		2029	* *	1	\$2,200	
Air Conditioning	10070					<u> </u>	
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment	22.0						
Split Unit	15%		2024	\$20,400			
Window/Wall Unit	40%		2019	\$5,300	1		
No Component	45%						
Terminal Devices							
Fan Coil - 2 Pipe	15%		2024	\$10,000	1	\$300	
No Component	85%						
Heat Rejection							
Air Cooled Condenser	15%		2024	\$1,100	2	\$700	
Unit							
No Component	85%						
Ventilation							
Distribution							
Ductwork/Diffusers	15%		LIFE	* *	2-5	\$600	
No Component	85%						
Exhaust Fans							
Roof	15%		2019	\$1,600	2		
No Component	85%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100%		2019	\$3,900	2	\$100	
		ervation, Extent : Light, Area	Affected	! : 100%			
		: Basement					
	Explana	ion : 2 - 74 Gallon Units					
Sanitary Piping							
Cast Iron		Now \$900	LIFE	* *	1		
		Clogged, Extent : Severe, Are	ea Affecte	ed : 10%			
	Location	: Basement					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2019	\$1,000	4	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 79

Asset #: 13065

Mechanical	Current Repair	epair Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing						
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
No Component	98%					
Generic	2%	2019	1-3	\$100		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 8

Address : 165 EAST 51st STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.008 / 13007 Yr Built/Renovated : 1961 / 2006

Area Sq Ft : 9,897 Project Type : FIRE DEPARTMENT

Date of Survey : 06-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 1306 Lot : 33 BIN : 1036462

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$50,800	
Mechanical		\$151,600
Total	\$50,800	\$151,600
Importance Code A	\$50,800	
Importance Code B		\$151,600
Total	\$50,800	\$151,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$10,300		
Interior Architecture	\$23,600	\$600	\$1,100	\$700
Electrical	\$600	\$800	\$600	\$9,500
Mechanical	\$5,700	\$1,000	\$3,100	\$5,200
Total	\$29,800	\$12,600	\$4,700	\$15,500
Importance Code A		\$10,300		
Importance Code B	\$24,500	\$2,300	\$3,600	\$15,500
Importance Code C	\$5,200		\$1,100	
Total	\$29,800	\$12,600	\$4,700	\$15,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13007

Architecture	Current Rep	Current Repair Futu		uture Replacement		t Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls					_	*	
Masonry: Granite	30%		LIFE	* *	5	\$1,100	
Metal/Glass Curt Wall	35%		LIFE	* *	5	\$3,200	
Metal Sect. OHD	35%		2040	* * *	5	\$5,300	
Windows	500/ Now	¢50 900	2052	* *	5	\$600	
Aluminum	50% Now Air Infiltration, Extent: Location: Throughout	-	2052 ffected : 50%		3	\$600	
Metal Louvers	50%		2030	* *	10	\$7,600	
nterior							
Floors							
Cast in Place Concrete	45% 0-2	\$6,900	LIFE	* *	5	\$14,600	
	Cracking/Crumbling, Ex			ed: 20%			
	Location: Throughout						
	Spalling, Extent: Mode						
	Location: Throughout						
Ceramic Tile	10% Now	\$2,900	2036	* *	5	\$700	
	Water Penetration, Exte						
	Location : 1st Floor B	athroom - From		•			
Quarry Tile	5%		2040	* *	5	\$1,100	
Vinyl Tile	40% Now	\$2,500	2032	**	3	\$2,200	
	Water Penetration, Exte						
T	Location : Company C	office - From Ab	utting Proper	ty			
Interior Walls Ceramic Tile	10%		2026	* *	5	¢2 100	
Gypsum Board	10% 30% Now	\$5,200	2036 LIFE	**	5 5	\$2,100 \$3,800	
Gypsulli Board	Water Penetration, Exte				3	\$3,800	
	Location: Company C						
	Other Observation, Exte			-			
	Location : Second Flo		33				
	Explanation: Unfinish	ned Drywall At I	Multiple Loca	tions			
Plaster	10%		LIFE	* *	5	\$600	
SGFT/Glazed Masonry	50%		LIFE	* *		•	
Ceilings							
AcousTileSusp.Lay-In	40% 2-4	\$2,100	2040	* *	5	\$1,300	
	Misaligned/Bulging, Ex	tent : Moderate,	Area Affected	d: 10%			
	Location : Multiple Lo	ocations At The	Second Floor				
	Staining/Discoloring, E. Location: Various Loc			ed : 10%			
Gypsum Board	60% Now	\$3,900	LIFE	* *	5	\$4,900	
	Cracking/Crumbling, E.			15%			
	Location: Storage Ro						
	Water Penetration, Exte						
	Location : Apparatus I	Room - From Bo	throom Abov	e			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13007

Electrical	Current Re	pair Futu	Future Replacement		aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2047	* *	1		
Panelboards						
Fused Disc Sw	10%	2043	* *	5		
Molded Case Bkrs	90%	2043	* *	5	\$200	
Wiring						
Thermoplastic	100%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	98%	2032	* *	10	\$8,900	
	T-8 Lamps And Fixtures Location: Throughou		ea Affected : 100%			
Fluorescent	1%	2032	* *	10	\$100	
Tidorescent	Compact Fluorescent L Location : 1st Floor		Area Affected : 100		Ψ100	
LED	1%	2032	* *			
Egress Lighting						
Emergency, Service	50%	2032	* *	1		
Exit, LED	50%	2055	* *	1		
Exterior Lighting						
HID	10%	2027	\$100	10		
No Component	90%					
Alarm						
Fire/Smoke Detection						
Generic, Digital	100%	2032	* *	1-3	\$6,100	
	Other Observation, Exte Location : Throughou	==	ected : 100%			
	Explanation : Smoke I	Detectors, Strobe Lights,	Manual Pull Statio	ns, Aları	m Bells And Horns	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Not Accessible	100%			
	Other Observation, Extent: Light, Area	Affected: 0%		
	Location:			
	Explanation: Heating Source Provide	d By The Building		
Conversion Equipment				
Not Accessible	100%			
	Other Observation, Extent: Light, Area	Affected: 0%		
	Location:			
	Explanation : Heating Source Provide	d By The Building		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13007

Mechanical	Current Repair		Current Repair Future Replacemen		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$2,800	
Central Plant Steam	50%			2037	* *	4	\$200	
Piping/Pmp								
Terminal Devices	• • • • •			•••	4. 4.		44.000	
Air Handler	30%			2032	* *	1	\$1,800	
Convector/Radiator	40%			2032		1	\$1,300	
Unit Heater - Steam	30%			2027	\$9,900	4	\$400	
Air Conditioning								
Energy Source Electricity	100%			2035	* *	1		
Conversion Equipment	10070			2033		1		
Split Unit	50%			2027	\$98,800			
Spirt Oliit		oerant Ext	ent : Light, Area A					
	-	: 4 Units, \	-	ујестси .	3070			
Window/Wall Unit	10%			2022	\$1,900	1		
No Component	40%			2022	\$1,900	1		
Terminal Devices	7070							
Fan Coil - 2 Pipe	50%			2027	\$52,800	1	\$1,600	
No Component	50%			2027	Ψ32,000	1	Ψ1,000	
Heat Rejection	3070							
Evaporative Condenser	50%			2027	\$8,600	2	\$3,400	
No Component	50%				* - 7		, , , , , ,	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,500	
			xtent : Severe, Are	ea Affecte	ed : 100%			
		: Througho						
	Explana	tion : The A	ir Circulation Is V	ery Poor	r Due To The Build	ling Setu _l	p.	
Exhaust Fans								
Interior	100%			2032	* *	2	\$300	
Plumbing								
H/C Water Piping	1000/			2047	* *	1		
Brass/Copper	100%			2047		1		
Water Heater Electric	100%			2026	\$8,200	4	\$100	
Sanitary Piping	10070			2020	\$6,200	4	\$100	
Cast Iron	100%	Now	\$3,400	LIFE	* *	1		
Cast Holl			Severe, Area Affe		%	1		
					er Room To 1st Flo	or Gara	ge	
Storm Drain Piping						50.00	3 ·	
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer	10070			<u> </u>		1		
Not Accessible	100%							
Fixtures	10070							
Generic	100%							
Fire Suppression	10070							

Fire Suppression

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 8

Asset #: 13007

Mechanical	Current Repair	Repair Future Replacement		M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Sprinkler						
Generic	100%	2047	* *	1-2	\$2,800	
Fire Pump						
Not Accessible	100%					
Chemical System						
Generic	100%	2022	\$1,900	1-3	\$4,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 80/LADDER 23 Address : 503 WEST 139th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 10,667 Project Type : FIRE DEPARTMENT

Date of Survey : 13-Jul-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2071 Lot : 27 BIN : 1075504

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$87,600	
Total	\$87,600	
Importance Code A	\$87,600	
Total	\$87,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,800			
Interior Architecture	\$13,800	\$3,800	\$2,900	\$400
Electrical	\$1,000	\$900	\$900	\$2,600
Mechanical	\$3,400	\$1,900	\$2,500	\$2,100
Total	\$44,100	\$6,500	\$6,200	\$5,100
Importance Code A	\$26,900	\$1,100	\$1,100	\$1,100
Importance Code B	\$17,200	\$5,500	\$2,300	\$4,000
Importance Code C			\$2,900	
Total	\$44,100	\$6,500	\$6,200	\$5,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13066

Architecture	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls		*				***	
Masonry: Brick	75% Now	\$87,600	LIFE	**	5	\$29,100	
	Jnt Mortar Miss/Erod,			ected: 25%			
	Location: Upper Stor	-					
	Staining/Discoloring, E			стеа : 15%			
	Location : Street Face Water Penetration, Ext			ad. 150/			
	Location : Street Face			ea : 15%			
		aue - Opper Kigi		* *		Φ4.400	
Masonry: Limestone	15%		LIFE	* *	5	\$4,400	
Metal Sect. OHD	10%		2044	· · · ·	5	\$12,100	
Windows	100%		2049	* *	5	\$2.800	
Aluminum	100%		2049		5	\$2,800	
Parapets Masonry: Brick	25%		LIFE	* *	5	\$600	
Masonry: Brick	50% Now	\$3,600	LIFE	* *	5	\$1,200	
Masomy. Brick	Water Penetration, Ext			. 5%	3	Ψ1,200	
	Location : 3rd Floor						
Masonry: Limestone	15%	-	LIFE	* *	5	\$500	
Pre-Cast Concrete	5%		LIFE	* *	5	\$800	
Slate	5%		LIFE	* *	5	\$100	
	Other Observation, Ext	ent : Light, Area	Affected:	100%			
	Location: Coping						
	Explanation: Materio	al Actually Blues	tone				
Roof							
Modified Bitumen	97% Now	\$14,800	2032	* *			
	Alligatoring, Extent: Moderate, Area Affected: 25%						
	Location: Lap Joints Throughout						
	Blisters, Extent: Moderate, Area Affected: 20%						
	Location: Various Locations Throughout						
	Debris Present, Extent : Moderate, Area Affected : 15%						
	Location: Throughout		- A A CC				
	Drains Inad/Misposn, I		e, Area Affe	естеа : 25%			
ot 11 to 16 of 1701	Location : Central Ro	ioj	2045	عاد عام	1.0	#1.2 00	
Skylight, Metal/Glass	3%		2047	* *	10	\$1,300	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13066

rchitecture	Curren	t Repair	Future Replacement		M	aintenance	
vstem Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors							
Cast in Place Concrete	37% Now	\$12,300	LIFE	* *	5	\$12,900	
	Cracking/Crumblin Location : Cellar	ig, Extent : Light, Ar	ea Affect	ed : 10%			
	Water Penetration,	Extent : Moderate, A	Area Affe	ected : 20%			
	Location : Back U	Up From Floor Drain	is In Hea	vy Storms			
	Worn/Eroded, Exte	nt : Moderate, Area	Affected	: 15%			
	Location : At Flo	or Drains					
Ceramic Tile	5% Now	\$1,500	2030	* *	5	\$400	
0 01444440 1140		nt : Severe, Area Aff		5%	C	Ψ	
	Location : Locker						
Quarry Tile	3%		2032	* *	5	\$700	
Vinyl Tile	55%		2032	* *	3	\$3,300	
•	Uneven Surface, E.	xtent : Light, Area Af	fected : I	15%			
	Location : Second And Third Floors						
	Worn/Eroded, Extent: Light, Area Affected: 20%						
	Location : Second	d And Third Floors					
Interior Walls							
Ceramic Tile	30%		2036	* *	5	\$5,700	
Concrete Masonry Unit	10%		LIFE	* *	5	\$800	
Gypsum Board	40%		LIFE	* *	5	\$4,600	
Masonry: Brick	20%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	35%		2040	* *	5	\$5,400	
Exposed Concrete	20%		LIFE	* *	5	\$500	
Exposed Struc: Steel	20%		LIFE	* *			
Gypsum Board	25%		LIFE	* *	5	\$4,800	

Electrical	Current Repair	Future Replacement	N	laintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts					
Service Equipment					
Molded Case Bkrs	100%	2053 *	* 5	\$300	
	Other Observation, Extent: Moderate, A	Area Affected : 100%			
	Location: Basement				
	Explanation: One 200 Amperes Main	Disconnect Switch			
Switchgear / Switchboard					
Molded Case Bkrs	100%	2053 *	* 5	\$300	
Raceway					
Conduit	100%	2053 *	* 1		
Panelboards					
Fused Disc Sw	5%	2049 *	* 5		
Molded Case Bkrs	95%	2049 *	* 5	\$300	
Wiring					
Thermoplastic	100%	2053 *	* 1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13066

Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•	•				
Motor Controllers						
Locally Mounted	100%	2044	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches	1000/	2011	* *		#2.200	
Automatic	100%	2044	* *	1	\$3,300	
Generators	1000/	20.40	* *		Ø4.100	
Diesel	100%	2040		1	\$4,100	
	Other Observation, Extent : N Location : Basement	ioaeraie, Area Ajjeciea	: 100%			
	Explanation: One 80 Kw / 1	100 V. a 2 Dhaa 200/1	20 V			
Batteries	Explanation: One 80 Kw/1	00 Kva, 3 Phase, 200/1	20 V			
Lead/Acid	100%	2022	\$1,500	5	\$400	
Fuel Storage	10070	2022	\$1,500		φ + 00	
Day Tank	50%	2043	* *	5	\$1,000	
Day Tank	Other Observation, Extent : M		: 100%	3	\$1,000	
	Location: Basement	ioacraic, mea rijjeciea	. 100/0			
	Explanation : One 100 Gall	ons				
Main Tank	50%	2062	* *	5	\$200	
Walli Talik	Other Observation, Extent : M		: 100%	3	\$200	
	Location : Basement	ioaerare, in eariggeerea	. 100,0			
	Explanation : One 550 Gall	ons				
Lighting	Expranation: One 550 Guil	7113				
Interior Lighting						
Fluorescent	88%	2035	* *	10	\$8,600	
	T-8 Lamps And Fixtures, Exte		d: 100%		+ - ,	
	Location: Throughout The	Building				
Fluorescent	10%	2035	* *	10	\$1,000	
racrescent	T-5 Lamps And Fixtures, Exte		ected : 100%	10	Ψ1,000	
	Location : Gymnasium	, 33				
Incandescent	2%	2035	* *	2		
Egress Lighting	2/0	2033				
Emergency, Service	60%	2035	* *	1		
Exit, Service	40%	2035	* *	1		
Exterior Lighting	70/0	2033		1		
HID	100%	2035	* *	10		
Alarm	10070	2033		10		
Fire/Smoke Detection						
No Component	80%					
Generic, Digital	20%	2035	* *	1-3	\$1,300	
Generie, Digital	2070	2033		1 3	Ψ1,500	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13066

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating	•		•				
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$10,600	
Distribution							
Central Plant Steam	100%		2047	* *	4	\$800	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	80%		2040	* *	1	\$2,800	
Unit Heater - Steam	20%		2032	* *	4	\$300	
ir Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	70%		2032	* *	2	\$500	
Cooling							
		ervation, Extent : Light, Are	ea Affectea	! : 70%			
	Location						
	Explanat	ion: 3 Units. R - 410 A Ref	rigerant				
No Component	30%						
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,900	
Exhaust Fans							
Roof	100%		2032	* *	2	\$300	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2047	* *	1		
Water Heater							
Gas Fired	100%		2025	\$6,100	2	\$200	
		ervation, Extent : Light, Are	ea Affected	! : 100%			
		: Basement					
	Explanat	ion : 2 - 75 Gallon Units					
Sanitary Piping	. معدد				_		
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	المتاد				_		
Cast Iron	100%		LIFE	**	1		
	_	Clogged, Extent : Severe, A					
	Location	: Operational Area And Re	ar Side Of	Basement.			
Sump Pump(s)							
Non-Submersible	100%		2027	\$1,500	4	\$300	
Fixtures							
Generic	100%						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 80/LADDER 23

Asset #: 13066

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	St Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression				
Chemical System				
Generic	100%	2025 \$1,900	1-3 \$4,000	
	Other Observation, Extent : Light, A	rea Affected : 100%		
	Location: Kitchen			
	Explanation: 1 Set			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 81/LADDER CO. 46

Address : 3025 BAILEY AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 9,500 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3266 Lot : 1 BIN : 2000000

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$152,100
Electrical		\$134,000
Total		\$286,200
Importance Code A		\$152,100
Importance Code B		\$134,000
Total		\$286 200

10tal \$286,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,200	\$400	\$3,800	\$100
Interior Architecture	\$4,800		\$1,300	\$1,300
Electrical	\$700	\$700	\$18,600	\$700
Mechanical	\$15,600	\$1,200	\$9,800	\$1,100
Total	\$24,300	\$2,300	\$33,400	\$3,100
Importance Code A	\$3,600	\$900	\$4,200	\$600
Importance Code B	\$16,400	\$1,400	\$29,200	\$2,100
Importance Code C	\$4,300			\$400
Total	\$24,300	\$2,300	\$33,400	\$3,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13067

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type								
xterior Exterior Walls								
	3%			2043	* *	10	\$300	
Alum/Vinyl Siding	3% 77%			LIFE	* *	5	\$26,600	
Masonry: Brick	3%			LIFE	* *		\$20,000	
Masonry: Granite	10%			LIFE	* *	5 5	\$2,600	
Masonry: Limestone Metal Sect. OHD	7%			2036	* *	5	\$2,600 \$7,500	
	/%0			2036		3	\$7,300	
Windows	1000/			2045	* *	-	¢000	
Aluminum	100%			2045		5	\$900	
Parapets	000/	N	¢2 200	LIEE	* *	5	¢2 000	
Masonry: Brick	Miss/Dam	Now aged Flash : Through	\$3,200 sings, Extent : Seve out Roof	LIFE re, Area		5	\$2,800	
Masonry: Limestone	10%			LIFE	* *	5	\$400	
Roof	1070						Ψ	
Asphalt Shingle	5%			2032	* *	10	\$100	
Modified Bitumen	90%			2028	\$63,100	10	\$10,900	
Skylight, Metal/Glass	5%			2023	\$89,000	10	\$2,000	
	Corrosion Location		Extent : Moderate, A	Area Affe	ected : 20%			
terior Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$18,700	
Ceramic Tile	5%			2032	* *	5	\$700	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	27%			2028	\$32,600	3	\$1,900	
Wood	3%			2051	* *	5	\$800	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$900	
Concrete Masonry Unit	3%			LIFE	* *	5	\$200	
Gypsum Board	10%			LIFE	* *	5	\$1,000	
Masonry: Brick	10%			LIFE	* *			
·	Location	: Apparati	Extent : Light, Area us Room azed Face Brick	Affectea	! : 100%			
Masonry: Brick	32%	4+	\$4,300	LIFE	* *			
Wasoniy. Brick	Spalling, I	Extent : Mo	g4,500 oderate, Area Affec nt At Front Wall					
Plaster	40%			LIFE	* *	5	\$2,100	
Ceilings	70/0			1 11 12			Ψ2,100	
AcousTileSusp.Lay-In	5%			2036	* *	5	\$700	
Exposed Struc: Steel	25%			LIFE	* *	5	Ψ/00	
Plaster	70%			LIFE	* *	5	\$6,200	
1 105001	7070			ьпь		3	Ψ0,200	

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13067

Electrical	Current Repair	Future Rep	olacement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	1000/	2012	de de	_		
Fused Disc Sw	100% Other Observation, Extent: Light, A Location: Basement Explanation: 400 Amp	2043 Area Affected : 100	**	5		
Switchgear / Switchboard Molded Case Bkrs	100%	2043	* *	5	\$300	
Raceway Conduit	100%	2049	* *	1		
Panelboards Molded Case Bkrs	100%	2045	* *	5	\$300	
	Other Observation, Extent: Light, A Location: Basement			·	AND Involved	
Wiring	Explanation : Communication Par	iei - Some wires A	re Not Termi	natea An	a Not Insulatea	
Thermoplastic	50% Recent Installation, Extent : Light, A Location : Throughout The Buildi		**	1		
Thermoplastic	50%	2033	* *	1		
Motor Controllers Locally Mounted	50% Recent Installation, Extent : Light, A Location : Pumps Controllers In E		**	5		
Locally Mounted	50% Aged Component, Extent: Light, Ar Location: 1st Floor Roll Up Gate	2021 rea Affected : 100%	\$7,200	5		
Ground						
Grounding Devices Generic	100% Other Observation, Extent: Light, A Location: Basement Explanation: Ground Rods	LIFE Area Affected : 100	* *	5	\$100	
Lighting						
Interior Lighting Fluorescent	98% Inadequate Lighting Level, Extent : Location : Basement	2031 Light, Area Affecto	* * ed : 25%	10	\$8,500	
	Recent Installation, Extent : Light, A Location : Throughout The Buildin	ng				
	T-8 Lamps And Fixtures, Extent : La Location : Throughout The Buildin		: 100%			
Incandescent	2%	2023	\$1,200	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13067

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Emergency, Battery	100%	2031	* *	10	\$2,300	
	Recent Installation, Extent : Li	ght, Area Affected : 1	00%			
	Location: 1st And 2nd Floor	S				
	Other Observation, Extent : Li	ght, Area Affected : 10	00%			
	Location: 1st And 2nd Floor					
	Explanation: Battery Back U	Ip Units				
Exterior Lighting						
HID	100%	2023	\$35,800	10		
Alarm						
Fire/Smoke Detection						
Generic	100%	2028	\$98,200	1-3	\$6,000	
	Local/Battery Operated Detect	, Extent : Light, Area	Affected: 100%	6	4 - ,	
	Location : 2nd Floor	. 0	00			

Mechanical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	5%		2043	* *	1		
Natural Gas	95%		2043	* *	1		
Conversion Equipment							
Heat Pump Air Sourced	5%		2024	\$1,700	2	\$100	
_	Other Obs	ervation, Extent : Light, Are	a Affected	l : 100%			
	Location	: Members Room					
	Explana	tion : Split Unit Combination	n Heat / C	ool			
Hot Water Boiler	95%		2036	* *	1	\$4,500	
	Other Obs	ervation, Extent : Light, Are	a Affected	l : 100%		. ,	
		: Basement	55				
	Explana	tion : 2 Boilers					
Distribution	-						
Hot Wtr Piping/Pump	100%	Now \$300	2039	* *	4	\$500	
1 6 1	Leak Evid	ent, Extent : Light, Area Affe	cted : 5%				
		: On Valve Near Pumps In I					
	Other Obs	ervation, Extent : Light, Are	a Affected	l : 5%			
		: Basement	55				
	Explana	tion : Slight Leak On Valve N	Vear Pum	ps			
Terminal Devices	-	U	<u> </u>				
Convector/Radiator	80%		2036	* *	1	\$2,500	
Unit Heater - Steam	20%		2028	\$6,400	4	\$300	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13067

Mechanical	Current Repair	Future Replaceme	nt I	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated C FY	Cost Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	5%	2028 \$5,0	500 2			
	Other Observation, Extent : Light, Ar Location : Members Room Explanation : Split Unit Heating / C	-				
Window/Wall Unit No Component	75% 20%	2019 \$13,9	900 1			
Heat Rejection Dry Cooler	5% Other Observation, Extent : Light, Ar Location : Ground Floor Explanation : R - 410 A Refrigerant	-	900 2	\$300		
No Component	95%					
Ventilation Distribution						
Ductwork/Diffusers	100% LIFE ** 2-5 \$5,300 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: Includes Make- Up Air For Boiler					
Exhaust Fans						
Roof	50%	2023 \$7,		\$100		
Wall Unit Plumbing	50%	2023 \$1,0	500 2	\$100		
H/C Water Piping						
Brass/Copper	100%	2043	** 1			
Water Heater						
Gas Fired	100% Other Observation, Extent: Light, Ar Location: Basement	2021 \$5, ea Affected : 100%	400 2	\$100		
C:4 Dii	Explanation: 2 - 75 Gallon Units					
Sanitary Piping Cast Iron	100%	LIFE	** 1			
Storm Drain Piping Cast Iron	100%	LIFE	** 1			
Sump Pump(s) Submersible	100%		300 4	\$300		
Backflow Preventer No Component Generic	95% 5%	2028 \$	100 1			
	Other Observation, Extent : Light, Ar Location : Basement Explanation : Serves Boiler	ea Affectea : 100%				
Fixtures	Experimental College Donor					
Generic	100%					
Fire Suppression						

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 81/LADDER CO. 46

Asset #: 13067

Mechanical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Fire Suppression Chemical System Wet	100%	2021 \$2,100	1-3 \$4,200		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 82/LADDER CO. 31 Address : 1213 INTERVALE AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 8,975 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2,3

Block : 2973 Lot : 38 BIN : 2010447

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$316,000	
Mechanical		\$44,900
Total	\$316,000	\$44,900
Importance Code A	\$316,000	
Importance Code B		\$44,900
Total	\$316,000	\$44,900

Total	\$215,200	\$1,500	\$22,700	\$3,600
Importance Code C	\$14,400			\$400
Importance Code B	\$103,100	\$600	\$9,200	\$2,300
Importance Code A	\$97,700	\$900	\$13,400	\$900
Total	\$215,200	\$1,500	\$22,700	\$3,600
Site Pavements				
Mechanical	\$22,900	\$1,500	\$10,100	\$1,500
Electrical	\$54,400	\$100		
Interior Architecture	\$41,100			\$2,100
Exterior Architecture	\$96,800		\$12,500	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13068

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls Masonry: Brick	80% Now Broken/Missing Elemen Location: Rear Faca Jnt Mortar Miss/Erod, A	de Extent : Modera			5	\$26,800	
	Location : Right Side Loose/Delam Surface, I Location : Rear Faca	Extent : Severe, A					
Masonry: Sandstone Wood Overhead Doors	5% 15% Broken/Missing Elemen Location: Left Door- Worn/Eroded, Extent: Location: Both Door.	3 Glass Panes I Moderate, Area	Replaced	With Plywood	5 5	\$1,300 \$25,100	
Windows							
Aluminum	100% Now \$28,800 2039 ** 5 \$1,100 Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: Throughout Ctrwt/Balnc Not Funct, Extent: Moderate, Area Affected: 20% Location: 2nd Floor Office And 3rd Floor Rear Unit Inoperable, Extent: Severe, Area Affected: 10% Location: Throughout						
Parapets Cast Stone/Terra Cotta	5% 0-2	\$4.600	LIEE	* *	5	\$900	
Cast Stone/Terra Cotta	Cracking/Crumbling, E Location: Main Roof Caulking Deteriorated, Location: Main Roof	Parapet Extent : Modera		fected : 10%	5	\$900	
Masonry: Brick	85% Now Cracking/Crumbling, E Location: Main Roof Jnt Mortar Miss/Erod, L Location: Main Roof, Spalling, Extent: Seven Location: Main Roof	Extent : Severe, A Front Parapets re, Area Affected	Area Affe Next To	cted : 10%	5	\$2,100	1
Masonry: Limestone	10% Now Jnt Mortar Miss/Erod, a Location: Main Roof		LIFE te, Area A	* * .ffected : 50%	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13068

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•						
Roof							
Asphalt Shingle	5%		2026	\$2,100	10	\$100	
Clay Tile	20% Now	\$40,700	2053	**			
	Broken/Missing Element Location: Main Slop						
	Water Penetration, Ext	=	-	_			
	Location : Throughou						
	Other Observation, Ext	•					
	Location : Front Of E		ar 11jj cereur.	0,0			
	Explanation : Gutters	=	g Extensive	Interior Damag	je		
Roll Roofing	72%	<u> </u>	2019	\$36,200	5	\$14,700	
Skylight, Metal/Glass	3% 2-4	\$27,000	2033	* *		4-1,700	
, ,	Corrosion/Rusting, Ext		Area Affecte	ed : 100%			
	Location: Hose Towe	er					
Interior							
Floors							
Cast in Place Concrete	45% Now	\$13,100	LIFE	**	5	\$13,800	
	Cracking/Crumbling, E Location: Throughou		e, Area Affe	cted : 30%			
	Water Penetration, Ext		a Affactad :	200%			
	Location: Basement		и Ајјестеи .	20/0			
Ceramic Tile	15%		2032	* *	5	\$2,100	
Vinyl Tile	40%		2032	* *	3	\$2,800	
v myr rue	Recent Replace Eviden	t, Extent : Light,		ted : 100%	5	Ψ2,000	
	Location : 2nd Floor	,	33				
Interior Walls							
Ceramic Tile	5%		2032	* *	5	\$800	
Gypsum Board	10%		LIFE	* *	5	\$900	
Masonry: Brick	40%		LIFE	* *			
Masonry: Fieldstone	10% Now	\$10,600	LIFE	* *			
	Other Observation, Ext	ent : Severe, Are	ea Affected .	: 10%			
	Location: Basement	Dan atuati an					
District	Explanation: Water		LIEE	* *	-	¢1 400	
Plaster	30% Now	\$3,800 Extent : Severe A	LIFE rea Affector		5	\$1,400	
	Cracking/Crumbling, Extent : Severe, Area Affected : 15% Location : 2nd Floor Throughout						
	Water Penetration, Extent: Severe, Area Affected: 5%						
	Location : 2nd Floor						
Wood	5%		LIFE	* *	5	\$3,100	
w oou	3 / 0		LILE		3	\$3,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13068

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior								
Ceilings								
AcousTileSusp.Lay-In	15% Now	\$10,200	2043	* *	5	\$1,100		
	Broken/Missing Elemen		re, Area	Affected : 20%				
	Location: Throughou							
	Staining/Discoloring, I		rea Affec	cted : 30%				
	Location : 2nd Floor							
	Water Penetration, Ext							
	Location: 2nd Floor,	3rd Floor Front	And Kite					
Embossed Metal	20%		LIFE	* *	5	\$1,300		
Exposed Struc: Steel	30%		LIFE	* *				
Metal Panel	5%		LIFE	* *	5	\$900		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location : Shower Ro	oom						
	Explanation: Metal I	Lay- In Panels						
Plaster	30% 2-4	\$2,800	LIFE	* *	5	\$2,600		
	Spalling, Extent : Moderate, Area Affected : 5%							
	Location: 2nd Floor Locker Room And Hose Tower Scuttle							
Site Enclosure								
Fence/Gates								
Chain link	100%		2033	* *				
Retaining Walls								
Concrete Masonry Unit			2043	* *				
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Throughou							
	Explanation: Concre To Concrete Masonry		Sits Upo	n Brick Base; Cha	in Link F	Fence Is Fastened		
Masonry: Brick	40%		2043	* *				
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%		2028	\$21,800				

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2023 \$4,800	5	
	Other Observation, Extent : Light, Area	ı Affected : 100%		
	Location: Basement Electrical Section	n.		
	Explanation: 400 Amp			
Raceway				
Conduit	40%	2033 **	1	
Conduit	50%	2043 **	1	
Tray	10%	2036 **	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13068

Electrical	Current Repair Future Replacement			M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Panelboards						
Molded Case Bkrs	30% 0-2 \$11,500 Enclosure Corroded, Extent: Light, Ar Location: Basement Electrical Section Other Observation, Extent: Light, Area Location: Basement Electrical Section Explanation: Water Damage	on a Affected	: 100%	5		
Molded Case Bkrs	70%	2045	* *	5	\$200	
Wiring	7070	2013			Ψ200	
Braided Cloth	30% 2-4 \$8,300 Other Observation, Extent: Moderate, Location: Throughout The Building Explanation: Insulation Aged And Br		* * cted : 100%	1		
Thermoplastic	70% Recent Installation, Extent: Light, Area Location: Throughout The Building	2043	**	1		
Motor Controllers						
Locally Mounted	100% Other Observation, Extent: Light, Area Location: Basement Boiler Section Explanation: Motor Controllers For			5	\$100	
Ground						
Grounding Devices Generic	100% 2-4 \$9,500 Other Observation, Extent: Moderate, Location: Basement Near Water Mai Explanation: Ground Wire Rusted Ar	n.		5	\$100	
Lighting	•					
Interior Lighting						
Fluorescent	65% T-8 Lamps And Fixtures, Extent : Light Location : Throughout	2023 t, Area Aff	\$15,800 Tected : 100%	10	\$5,400	
Fluorescent	30% Now \$7,300 T-8 Lamps And Fixtures, Extent: Light Location: Throughout Other Observation, Extent: Severe, Ard Location: Throughout Explanation: Burnt Out					
Incandescent	5% Other Observation, Extent : Light, Area Location : Television Room 1st Floor Explanation : Downlights		\$2,900	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13068

Electrical	Current Repair	F	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimate Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting								
Egress Lighting								
Exit, Service	50%	20)23	\$500	1			
Exit, Service	50% Now	\$500 20)33	* *	1			
	Other Observation, Extent : Sev	ere, Area A <u>f</u>	fecte	d: 100%				
	Location: Throughout							
	Explanation : Broken							
Exterior Lighting								
HID	50%	20)23	\$16,900	10			
	Other Observation, Extent : Lig	ht, Area Affe	ected	: 100%				
	Location : Facade							
	Explanation: Wall Mounted,	Controlled V	ia Ti	me Clock				
Incandescent	50%	20)19	\$14,400	2			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Side Yard							
	Explanation: Wall Mounted							

Mechanical	Current Repa	air Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$8,900	
Distribution						
Central Plant Steam	100%	2033	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$44,900	1	\$2,900	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	80%	2019	\$14,000	1		
No Component	20%					
	Other Observation, Exter	ıt : Light, Area Affected :	0%			
	Location: Roof					
	Explanation: Exterior	Package Unit Abandonea	l In Place			
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,000	
Exhaust Fans						
Interior	50%	2023	\$14,900	2	\$100	
Roof	50%	2019	\$7,000	2	\$100	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13068

lechanical	Current Repair		e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater						
Gas Fired	100%	2021	\$5,100	2	\$100	
	Other Observation, Extent : Light, Area	ı Affected	: 100%			
	Location: Basement					
	Explanation: 2 -74 Gallon Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$300	4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent : Light, Area	ı Affected	: 100%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					
re Suppression						
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1266

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 83

Address : 618 EAST 138th STREET

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSECO.083 / 13069 Yr Built/Renovated : 1905 / 2000

Area Sq Ft : 6,578 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jul-2012 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2550 Lot : 28 BIN : 2003609

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$156,200	\$148,400
Interior Architecture		\$134,900
Electrical	\$42,100	
Mechanical		\$86,100
Total	\$198,300	\$369,400
Importance Code A	\$156,200	\$148,400
Importance Code B	\$42,100	\$127,800
Importance Code C		\$93,200
Total	\$198,300	\$369,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$23,800			
Interior Architecture	\$121,700			\$600
Electrical	\$10,400			\$100
Mechanical	\$45,500	\$1,000	\$1,200	\$5,100
Total	\$201,400	\$1,000	\$1,200	\$5,700
Importance Code A	\$24,400	\$700	\$700	\$700
Importance Code B	\$116,100	\$300	\$600	\$5,100
Importance Code C	\$60,900			
Total	\$201,400	\$1,000	\$1,200	\$5,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 83

Asset #: 13069

System Compon Typ Exterior	ont			Current Repair		Future Replacement		Maintenance	
Exterior		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior		50 /	3.7	0.41.200	LIEE	* *	~	ФО 100	
Cas	t Stone/Terra Cotta	Jnt Mortan	Now r Miss/Eroc : Through	\$41,300 l, Extent : Light, A. out	LIFE rea Affec		5	\$9,100	
Mas	sonry: Brick	75%	Now	\$114,900	LIFE	* *	5	\$17,500	
	·		ırfaces, Ext : West Fac	ent : Moderate, Ar cade	ea Affec	ted : 25%			
			etration, E. : Foundati	xtent : Moderate, A on	Area Affe	ected : 20%			
Mas	sonry: Limestone	10%			LIFE	* *	5	\$1,700	
	od Överhead Doors	10%			2028	\$80,300	5	\$11,600	
Window	'S								
Alu	minum	100%	Now	\$10,200	2039	* *	5	\$600	
			issing Elem : Through		erate, Ar	rea Affected : 20%			
			nc Not Fund : Through	ct, Extent : Severe, out	Area Afj	fected : 20%			
Parapets	}								
Cas	t Stone/Terra Cotta	5%			LIFE	* *	5	\$900	
Mas	sonry: Brick	80%			LIFE	* *	5	\$1,800	
Mas	sonry: Limestone	5%			LIFE	* *	5	\$100	
	cco Cement	10%			2028	\$6,400	5	\$600	
Roof	1101 151	2-21		010 600	• • • •	0.00.400			
Moo	dified Bitumen	Seams Ope	Now en/Split, Ex : Over Sec	\$13,600 tent : Moderate, A ond Floor	2028 rea Affec	\$68,100 cted : 15%			
		Water Pen		xtent : Moderate, A	Area Affe	ected : 10%			
Sky	light, Metal/Glass	5%			2033	* *	10	\$1,900	
Interior								•	
Floors									
Cas	t in Place Concrete	50%			LIFE	* *	5	\$12,300	
		Other Observation, Extent: Moderate, Area Affected: 100% Location: Basement							
		Explanat	tion : Lally	Columns And I Be	ams In B	Basement Are Shori	ng Up Al	pparatus Floor	
Cer	amic Tile	5%	Now	\$2,400	2032	* *	5	\$300	
		Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Toilets							
		_	d/Bulging, : Toilets	Extent : Moderate,	Area Afj	fected : 25%			
Oua	arry Tile	5%			2028	\$17,600	5	\$800	
	yl Tile	40%			2028	\$41,800	3	\$2,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 83

Asset #: 13069

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls	200/ 37		•••	400.00	_	44.500	
Ceramic Tile	20% Now Broken/Missing Elem Location: Apparatu Loose Units, Extent: Location: Apparatu	as Room Moderate, Area Aj			5	\$1,500	
Masonry: Brick	25% Now Jnt Mortar Miss/Eroa Location: Basemen Spalling, Extent: Mod Location: Basemen	t derate, Area Affect t	ted : 25%				
	Water Penetration, Ex Location: Foundati		Area Affec	ted : 20%			
Plaster	55%	on	LIFE	* *	5	\$2,600	
Ceilings	3370		LIFE			\$2,000	
AcousTileSusp.Lay-In	10% 2-4 Broken/Missing Elem Location: 2nd Floo Staining/Discoloring, Location: 2nd Floo	r Office Extent : Moderate			5	\$600	
Embossed Metal	30% Now Broken/Missing Elem Location: Apparatu Deformed/Dented, Ex Location: Apparatu	\$24,300 ents, Extent : Seve as Floor tent : Severe, Area			5	\$1,500	
Exposed Concrete	20% Now Corrosion/Rusting, E. Location: Steel Bea Exposed Reinforceme Location: Basemen	ms nt, Extent : Severe			5	\$400	
Gypsum Board	10%		LIFE	* *	5	\$1,400	
Plaster	30%		LIFE	* *	5	\$2,100	
Site Enclosure Fence/Gates				**		-	
Chain link	100%		2033	* *			
Free Standing Walls Concrete Masonry Unit	100%		2043	* *			
Site Pavements	10070		2043				
Parking/Driveway							
Asphalt	60%		2032	* *			
Cast in Place Concrete	40%		2036	* *			

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13069

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2023	\$5,300	5		
	Other Observation, E Location : Basemen	*	Area Affe	ected : 100%			
	Explanation : Main	service Rated @ 2	200 Amp	eres			
Raceway							
Conduit	100%		2023	\$34,200	1		
Panelboards					_	***	
Molded Case Bkrs	100%		2022	\$42,100	5	\$200	
Wiring	1000/		2022	#20.200			
Thermoplastic	100%		2023	\$30,300	1		
Ground							
Grounding Devices Metal Water Pipe	100% 2-4	\$10,400	2043	* *	5	\$100	
Wictar Water 1 lpc	Other Observation, I			ected · 100%	3	\$100	
	Location : Basemer						
	Explanation : Grou	ınd Clamp Rusted A	And Corr	oded Not Making (Good Cor	ntact	
Lighting	· F · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					
Interior Lighting							
Fluorescent	100%		2028	\$19,500	10	\$6,000	
	Other Observation, I	Extent : Moderate, 1	Area Affe	ected : 100%			
	Location : Through	out The Building					
	Explanation: T-8 I	Lamps					
Exterior Lighting							
HID	100%		2023	\$27,100	10		

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$6,500	
	Other Observation, Extent : Light, Ar	ea Affected : I	100%			
	Location: Basement					
	Explanation: 1 Natural Gas Fired S	Steam Boiler				
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$36,000	1	\$2,100	
ir Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13069

Mechanical	Current Repair Future Replaceme		re Replacement	M				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Exterior Pkg Unit - Cooling		Now	\$13,600	2033	* *	2	\$100	
	Unit Inope Location		ent : Moderate, Are	a Affecte	ed : 100%			
Exterior Pkg Unit - Cooling	10%			2031	* *	2		
Window/Wall Unit No Component	40% 25%			2019	\$5,600	1		
Terminal Devices Fan Coil - 2 Pipe	Broken, Ex	Now tent : Seve : 2nd Floo	\$24,000 ere, Area Affected : or Ceiling	2033 100%	* *	1	\$500	
Fan Coil - 2 Pipe No Component	10% 65%			2031	* *	1	\$200	
Ventilation Exhaust Fans Roof	-	ning, Exte	\$1,100 nt : Moderate, Ared noms, Units Do Noi			2	\$200	
Plumbing								
H/C Water Piping Brass/Copper	100%			2023	\$50,100	1		
Water Heater Gas Fired	Location	ervation, E : Basemen ion : 2 Uni		2022 Affected	\$4,100 !: 100%	2	\$100	
Sanitary Piping Cast Iron	100%	ion . 2 Oni	.1.5	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2019	\$200	4	\$200	
Backflow Preventer Generic	100%			2028	\$1,700	1	\$400	
Fixtures Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 84

Address : 513 WEST 161st STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.084 / 13070 Yr Built/Renovated : 1906 /

Area Sq Ft : 11,792 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2120 Lot : 46 BIN : 1062872

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$44,500	
Total	\$44,500	
Importance Code A	\$44,500	
Total	\$44,500	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,000		\$14,200	\$200
Interior Architecture	\$41,300	\$500	\$900	\$1,000
Electrical	\$33,700		\$1,700	
Mechanical	\$2,200	\$2,300	\$31,400	\$2,000
Total	\$89,200	\$2,700	\$48,200	\$3,200
Importance Code A	\$13,200	\$1,200	\$15,400	\$1,300
Importance Code B	\$72,800	\$1,100	\$32,800	\$1,800
Importance Code C	\$3,300	\$500		
Total	\$89,200	\$2,700	\$48,200	\$3,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 84

Asset #: 13070

Architecture	Current Repair Future Replacement		Maintenance				
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	650/		LIDE	ماد ماد	_	#0. 5 00	
Masonry: Brick	65%	\$44.500	LIFE	* *	5	\$8,700	
Masonry: Limestone	25% Now Broken/Missing Elemen	\$44,500	LIFE		5	\$2,500	
	Location : Adjacent To			Ajjecieu . 570			
	Jnt Mortar Miss/Erod, I			ected : 40%			
	Location : Street Faca		33				
	Vertical Cracks, Extent	: Light, Area Af	fected : 2%				
	Location : Front Faca	de At 1st Floor					
Wood Overhead Doors	10% Now	\$4,600	2031	* *	5	\$3,400	
	Broken/Missing Elemen	ts, Extent : Ligh	t, Area Affe	cted : 15%			
	Location: Main Acces						
	Deteriorated Finish, Ex		a Affected :	15%			
	Location : Base Of Do	oors					
Windows	100%		2042	* *	_	\$200	
Aluminum	100%		2042		5	\$300	
Parapets Masonry: Brick	60%		LIFE	* *	5	\$1,000	
Metal Cornice	25%		2061	* *	10	\$1,400	
Stucco Cement	15% Now	\$7,300	2046	* *	5	\$300	
	Cracking/Crumbling, E.	xtent : Moderate		cted : 100%			
	Location : Located Be	hind Front Face	ıde				
Roof	0.007			ماد ماد		44.	
Modified Bitumen	90%	Amag Affactad.	2031	* *	10	\$12,800	
	Blisters, Extent: Light, Location: Throughout		10%				
	Worn/Eroded, Extent: 1		cted · 100%				
	Location: Throughout		.icu . 100/0				
Skylight, Metal/Glass	10%		2046	* *	10	\$4,700	
Interior						4 1,1 0 0	
Floors							
Cast in Place Concrete	50% Now	\$5,600		* *	5	\$21,500	
	Worn/Eroded, Extent : I						
	Location : Epoxy Pain	t Finish At Appe					
Ceramic Tile	5% Now	\$400	2035	**	5	\$500	
	Broken/Missing Elemen	_	t, Area Affe	cted : 1%			
	Location : First Floor						
Vinyl Tile	40% Now	\$1,500	2031	**	3	\$2,900	
Broken/Missing Elements, Extent: Light, Area Affected: 5%							
XX7 1	Location : 3rd Floor		2041	* *		#1 000	
Wood	5%		2041	* * *	5	\$1,800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13070

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$900	
Masonry: Brick	20%			LIFE	* *			
Plaster	40%	Now	\$3,300	LIFE	* *	5	\$2,300	
	Cracking/	Crumbling,	Extent : Moderate	, Area Ą	ffected : 15%			
	Location	: Hose Dr	ying Rack/ Bulkhed	ıd At Ro	of Level			
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	\$1,000	
Embossed Metal	30%			LIFE	* *	5	\$2,700	
Exposed Concrete	20%	Now	\$27,600	LIFE	* *	5	\$600	
•	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 30%			
	Location	: Basemen	t					
Plaster	45%	Now	\$2,500	LIFE	* *	5	\$5,500	
	Paint Peel	ing, Extent	: Light, Area Affec	cted : 10	%			
	Location	: Through	out Third Floor					
	Water Pen	etration, E	xtent : Light, Area	Affected	: 5%			
			r Gymnasium					

Electrical	Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2026	\$5,300	5	\$100	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: 200 Ar	nperes					
Raceway							
Conduit	100%		2036	* *	1		
Panelboards							
Molded Case Bkrs	20%		2042	* *	5	\$100	
Molded Case Bkrs	80% 0-2	\$33,600	2051	* *	5	\$100	
	On Extended Life, Ext Location : Througho		ffected :	100%			
Wiring							
Thermoplastic	100%		2036	* *	1		
Motor Controllers							
Locally Mounted	100%		2024	\$15,700	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13070

Electrical	Current Repai	r Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	78%	2026	\$27,200	10	\$8,400	
	T-8 Lamps And Fixtures, E	Extent : Light, Area Affect	ted : 100%			
	Location : Throughout T	he Building				
Incandescent	2%	2021	\$1,600	2		
LED	20%	2034	* *			
Exterior Lighting						
HID	100%	2031	* *	10		

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Steam Boiler	100%		2039	* *	1	\$11,700	
Distribution							
Central Plant Steam	100%		2036	* *	4	\$900	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$3,800	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	20%		2031	* *	2	\$100	
Cooling							
Window/Wall Unit	80%		2021	\$20,100	1		
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2	\$3,100	
No Component	80%						
Ventilation							
Distribution	1000/			* *	2.5	Φ	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,600	
Exhaust Fans	200/		2026	Ф4.000	2	Ф100	
Roof	20%		2026	\$4,000	2	\$100	
Wall Unit	80%		2026	\$3,400	2	\$300	
Plumbing							
H/C Water Piping	1000/		2046	* *	1		
Brass/Copper	100%		2046	* *	1		
Water Heater	1000/		2021	67.200	2	#200	
Gas Fired	100%		2021	\$7,300	2	\$200	
		servation, Extent : Light, Area a : Basement	Ајјестеа	: 100%			
	Ехріапа	tion: 2 - 75 Gallon Units					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13070

Mechanical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	50%	LIFE	* *	1		
Cast Iron	50%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	50%	2019	\$200	4	\$200	
	Other Observation, Extent .	Light, Area Affected : 1	00%			
	Location: Basement					
	Explanation : Serves 1 Sid	le Of Basement Only				
No Component	50%					
Backflow Preventer						
Generic	100%	2031	* *	1	\$700	
	Other Observation, Extent .	Light, Area Affected : 1	00%			
	Location: 1st Floor					
	Explanation : Piped Fron	Basement Up To 1st Flo	oor			
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$2,100	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1276

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 88

Address : 2223 BELMONT AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.088 / 13071 Yr Built/Renovated : 1908 /

Area Sq Ft : 12,600 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3086 Lot : 38 BIN : 2086781

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$57,100
Interior Architecture	\$151,400	
Electrical		\$115,500
Total	\$151,400	\$172,600
Importance Code A		\$57,100
Importance Code B	\$151,400	\$115,500
Total	\$151,400	\$172,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,600			\$1,800
Interior Architecture	\$45,100	\$3,400	\$1,900	
Electrical	\$12,100	\$100	\$200	\$100
Mechanical	\$2,000	\$2,800	\$19,200	\$1,900
Total	\$91,800	\$6,200	\$21,300	\$3,800
Importance Code A	\$33,900	\$1,200	\$1,200	\$3,000
Importance Code B	\$51,600	\$3,400	\$20,100	\$800
Importance Code C	\$6,300	\$1,600		
Total	\$91,800	\$6,200	\$21,300	\$3,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 88

Asset #: 13071

Architecture	Current Rep	pair Fu	ure Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Masonry: Brick	80%	LIF		5	\$30,500	
Masonry: Granite	3%	LIF		5	\$900	
Masonry: Limestone	10%	LIF		5	\$2,900	
	Staining/Discoloring, Ex Location : Front Faca	de, 3rd Floor.				
Metal Sect. OHD	7%	203	9 **	5	\$8,300	
Windows						
Aluminum	100%	204	2 **	5	\$3,500	
Parapets	000/ 37	405 (00 III	_	_	Φ2.400	
Masonry: Brick	80% Now	\$27,600 LIF		5	\$2,400	
	Spalling, Extent : Moder Location : Main Roof	rate, Area Affected : 4	0%			
	Vertical Cracks, Extent	: Light, Area Affected	: 2%			
	Location: Main Roof					
Masonry: Limestone	20%	LIF	E **	5	\$800	
	Staining/Discoloring, Ex		ected : 20%			
	Location : Throughout					
	Worn/Eroded, Extent: N	Aoderate, Area Affecte	ed: 100%			
	Location: Main Roof					
Roof	100/	202	0 **	10	£200	
Asphalt Shingle	10%	202	,	10	\$200	
Built-Up (BUR)	20% Now Debris on Roof, Extent:	\$600 202				
	Location: Main Roof.	Ligni, Area Ajjeciea	270			
	Miss/Damaged Flashing	s Frient · Light Area	Affected : 5%			
	Location : Main Roof	_				
Modified Bitumen	70%	202		10	\$9,800	
Modified Bituilleli	Alligatoring, Extent: M			10	\$9,000	
	Location: Throughout		. 40/0			
terior	Location : Throughout	Securis.				
Floors						
Cast in Place Concrete	40% Now	\$23,500 LIF	E **	5	\$16,500	
	Horizontal Cracks, Exte			-	*,	
	Location : Apparatus I					
Ceramic Tile	15%	203	5 **	5	\$2,800	
Vinyl Tile	15%	202		3	\$1,100	
Wood	30%	205			\$10,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 88

Asset #: 13071

Architecture		Current Re	pair	Futur	e Replacement	М	aintenance	
system Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$3,200	
Gypsum Board	15%			LIFE	* *	5	\$2,800	
Masonry: Brick	20%			LIFE	* *			
Marble Panels	20%			LIFE	* *			
Plaster	25%		\$6,300	LIFE	* *	5	\$2,400	
		Crumbling, E : Hose Towe	xtent : Severe, A er	rea Affeo	cted : 100%			
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2031	* *	5	\$3,800	
Embossed Metal	30%	Now	\$9,900	LIFE	* *	5	\$2,500	
	Bent/Warped Elements, Extent: Moderate, Area Affected: 10% Location: Apparatus Broken/Missing Elements, Extent: Light, Area Affected: 15%							
		-	its, Extent : Ligh Floor And Hose		ffected : 15%			
Exposed Concrete	25%	Now	\$151,400	LIFE	* *	5	\$700	
		_	ent : Severe, Are					
	Location: Concrete Missing, Exposing Beams In Basement Ceiling, Shoring Erected Throughout.							
	Paint Peeling, Extent : Severe, Area Affected : 60%							
	Location: Basement.							
	Spalling, Extent : Severe, Area Affected : 15%							
	Location: Basement Ceiling Under Jack Hoists							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Basement.							
	Explanat	ion : Structu	rally Insufficient					
Plaster	25%			LIFE	* *	5	\$2,900	

lectrical	Current Repair	Futur	e Replacement	М		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$4,800	5	\$100	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Basement					
	Explanation: 100 Amperes Service Sv	vitch				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2026	\$48,800	5	\$300	
Raceway						
Conduit	100%	2026	\$31,300	1		
Panelboards						
Molded Case Bkrs	50%	2042	* *	5	\$200	
Molded Case Bkrs	50%	2025	\$19,200	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13071

Electrical	Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Wiring							
Thermoplastic	100%		2026	\$27,700	1		
Ground							
Grounding Devices							
Generic	100% Now	\$1,900	LIFE	* *	5	\$200	
	Other Observation, Exter	t : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: Ground V	Vire Not Conn	ected To	Water Pipe.			
Lighting							
Interior Lighting							
Fluorescent	70%		2026	\$23,900	10	\$8,100	
	T-8 Lamps And Fixtures,	Extent : Light,	Area Aff	ected : 100%			
	Location: Throughout	The Building					
Fluorescent	30% 0-2	\$10,200	2036	* *			
	Inadequate Lighting Leve		ht, Area A	Affected : 100%			
	Location : Basement						
Exterior Lighting							
HID	100%		2026	\$47,500	10		

Mechanical	Current	Repair	Futur	e Replacement	М	aintenance	Priority
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating							
Energy Source							
Natural Gas	100%	,	2046	* *	1		
Conversion Equipment							
Furnace	5%	2	2031	* *	1	\$300	
	Other Observation,	Extent : Light, Area Aj	ffected	: 100%			
	Location: Engine	Bays					
	Explanation: 2 - C	as Fired Unit Heater	s				
Steam Boiler	95%	,	2039	* *	1	\$11,900	
Distribution							
Central Plant Steam	100%	,	2036	* *	4	\$900	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%	2	2031	* *	1	\$4,100	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Split Unit	20%	,	2031	* *			
Window/Wall Unit	65%	,	2021	\$16,000	1		
No Component	15%			•			
Ventilation							
Distribution							
Ductwork/Diffusers	100%]	LIFE	* *	2-5	\$7,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13071

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	100%	2031	* *	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$7,200	2	\$200	
	Other Observation, Extent:	Light, Area Affected	! : 100%			
	Location: Basement					
	Explanation: 1 - 75 Gallo	on Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$400	4	\$400	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 89 / LADDER CO. 50

Address : 2924 BRUCKNER BOULEVARD BTWN E. TREMONT AVE - EDISON AVE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.089 / 13072 Yr Built/Renovated : 1926 /

Area Sq Ft : 4,930 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Apr-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5419 Lot : 125 BIN : 2076433

CAPITAL

Total

Importance Code

Total

\$124,300	\$700	\$700	\$7,800
\$45,000			
\$71,600	\$200	\$200	\$3,600
\$7,700	\$500	\$500	\$4,200
\$124,300	\$700	\$700	\$7,800
\$3,500			
\$2,900			
\$28,200	\$700	\$700	\$3,600
\$83,400			\$500
\$6,200			\$3,700
FY 2019	FY 2020	FY 2021	FY 2022
	\$6,200 \$83,400 \$28,200 \$2,900 \$3,500 \$124,300 \$7,700 \$71,600 \$45,000	\$6,200 \$83,400 \$28,200 \$2,900 \$3,500 \$124,300 \$7,700 \$71,600 \$45,000	\$6,200 \$83,400 \$28,200 \$2,900 \$3,500 \$124,300 \$7,700 \$71,600 \$71,600 \$45,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13072

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	2%			2044	* *	10	\$100	
Masonry: Brick	80%			LIFE	* *	5	\$14,700	
Masonry: Granite	5%			LIFE	* *	5	\$700	
Masonry: Limestone	5%			LIFE	* *	5	\$700	
Wood Overhead Doors	8%			2037	* *	5	\$7,400	
Windows								
Aluminum	100%	0-2	\$1,900	2040	* *	5	\$200	
	Hardware Missing, Extent: Light, Area Affected: 10%							
	Location	: Through	out					
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$2,000	
Masonry: Brick	75%			LIFE	* *	5	\$1,000	
Masonry: Limestone	5%			LIFE	* *	5	\$100	
Roof								
Built-Up (BUR)		0-2 etration, E : Through	\$1,800 Extent : Light, Area Sout	2029 Affected	**: 10%			
Skylight, Metal/Glass	2%	0-2	\$2,400	2044	* *			
, ,		etration, E : Through	Extent : Light, Area out	Affected	: 10%			
Interior Floors								
Cast in Place Concrete	85%			LIFE	* *	5	\$16,100	
	_	Crumbling, : Through	, Extent : Severe, A out	rea Affec	eted : 30%			
		ervation, E : Basemen	Extent : Moderate, A nt	Area Affe	ected : 50%			
	Explana	tion : Steel	Columns In Basem	ent Are S	Shoring Up Appara	atus Floo	r	
Ceramic Tile	5%	0-2	\$2,500	2033	* *	5	\$200	
	_	Crumbling, : Through	Extent : Moderate	, Area Aj	ffected : 30%			
Vinyl Tile	5%	0-2	\$1,100	2029	* *	3	\$200	
•	Cracking/		Extent : Severe, A		eted : 40%		,	
Wood	5%			2052	* *	5	\$800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13072

Architecture	Current Repair	Future Replacemen	t N	laintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Co FY	Ost Cycle (Yrs)	Estimated Cost	Priority
Interior					
Interior Walls					
Cast in Place Concrete	20% 0-2 \$12, Water Penetration, Extent : Light, Location : Throughout	JOU LIFE	< *		
Gypsum Board	10% 2-4 \$ Cracking/Crumbling, Extent: Lig Location: Throughout	700 LIFE	** 5	\$600	
Marble Panels	5%	LIFE *	* *		
Plaster	35% 0-2 \$2,	800 LIFE *	* * 5	\$1,000	
	Cracking/Crumbling, Extent: Lig Location: Throughout	ht, Area Affected : 20%			
SGFT/Glazed Masonry	30% 0-2 \$22,	900 LIFE *	* *		
	Cracking/Crumbling, Extent: Lig Location: Throughout	ht, Area Affected : 20%			
Ceilings					
AcousTileSusp.Lay-In	5% 0-2 \$1, Cracking/Crumbling, Extent : Sev Location : Throughout	400 2029	** 5	\$200	
Exposed Concrete	30% 0-2 \$25, Cracking/Crumbling, Extent : Mo		* * 5	\$400	
	Location: Throughout				
Plaster	65% 0-2 \$14, Cracking/Crumbling, Extent: Lig Location: Throughout	600 LIFE	** 5	\$3,500	
Site Enclosure					
Fence/Gates					
Chain link	100% 0-2 \$2, Broken/Missing Elements, Extent Location: Throughout	900 2044	< *		
Retaining Walls					
Masonry: Fieldstone	100%	2044 *	* *		
Site Pavements On-Site Walkways					
Cast in Place Concrete	100% 0-2 \$3, Cracking/Crumbling, Extent : Lig Location : Throughout	300 2037	< *		
Parking/Driveway					
Cast in Place Concrete	100% Cracking/Crumbling, Extent: Mo Location: Throughout	2037	*		

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13072

Electrical	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2034	* *	5		
	Other Observation, Extent : Modera	te, Area Affe	cted : 100%			
	Location: Basement					
	Explanation: 200 Amperes					
Raceway						
Conduit	100%	2034	* *	1		
Wiring						
Thermoplastic	100%	2034	* *	1		
Motor Controllers						
Locally Mounted	100%	2029	* *	5		
	Other Observation, Extent : Modera	te, Area Affe	cted : 100%			
	Location: Basement Boiler Room					
	Explanation : Controls For Heatin	g System				
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : Modera	te, Area Affe	cted : 100%			
	Location : Basement					
 	Explanation : Water Main					
Lighting						
Interior Lighting	1000/	2024	#12.400	10	# 4 700	
Fluorescent	100%	2024	\$13,400	10	\$4,500	
	Other Observation, Extent : Modera	te, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps Installed					
Exterior Lighting	1000/	2024	Φ10. C00	10		
HID	100%	2024	\$18,600	10		

Mechanical		Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	\$1,500	2037	* *	1	\$4,400	
	Corroded,	Extent : Mode	erate, Area Affe	cted : 5%	6			
	Location	: Boiler						
Other Observation, Extent : Moderate, Area Affected : 1%								
	Location	: Basement						
	Explanat	ion : One Uni	t					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13072

Mechanical	Current Repair		Futu	re Replacement	M	aintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Distribution Central Plant Steam Piping/Pmp	100% Now	\$15,600	2044	* *	4	\$200		
r iping/r inp	Corroded, Extent . Location : Basen	: Moderate, Area Affe nent	cted : 10	00%				
Terminal Devices								
Convector/Radiator		\$500 ent : Moderate, Area A ge Room, Locker Roo		* *	1	\$1,400		
Air Conditioning	<u> </u>							
Energy Source								
Electricity	100%		2046	* *	1			
Conversion Equipment								
Window/Wall Unit	75%		2019	\$7,200	1			
No Component	25%							
Ventilation Ventilation								
Exhaust Fans	1000/		2024	016.400	2	#200		
Interior	100%		2024	\$16,400	2	\$200		
Plumbing								
H/C Water Piping Galvanized Steel	100%		2029	* *	1			
Water Heater	10070		2027		1			
Gas Fired	100% Now	\$100	2022	\$2,800	2	\$100		
		xtent : Moderate, Are				,		
	Other Observation	ı, Extent : Light, Area	Affected	l : 1%				
	Location : Baser							
	Explanation: 1	- 75 Gallon Unit						
Sanitary Piping	1000/			de de				
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping Cast Iron	100% Now Other Observation Location: Baser	ı, Extent : Moderate, A	LIFE Area Affe	* * ected : 2%	1			
			. Dain					
Sump Pump(s)	<i>Explanation : Ва</i>	ucks Up With A Heavy	Kain					
Sump Pump(s) Submersible	100% Now Obsolete Equipme Location : Basen	\$200 int, Extent : Severe, A. nent	2019 rea Affec	\$200 sted : 100%	4	\$100		
Fixtures								
Generic	100% Obsolete Fixtures, Location : Throi	Extent : Moderate, A	rea Affe	cted : 100%				

Fire Suppression

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 89 / LADDER CO. 50

Asset #: 13072

Mechanical	Current Rep	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Chemical System							
Dry	10% Now	\$2,600	2024	\$2,600	1-3	\$300	
	Other Observation, Exte	nt : Severe, Are	a Affected : 1	100%			
	Location: Kitchen						
	Explanation: Obsolete						
No Component	80%						
Generic	10%		2019	\$200	1-3	\$400	
	Other Observation, Exte	Other Observation, Extent : Light, Area Affected : 100%					
	Location: Throughout						
	Explanation : Fire Ext	inguishers					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 9 /LADDER CO. 6

Address : 75 CANAL STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 6,413 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 300 Lot : 30 BIN : 1003898

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$56,400	\$67,300
Electrical		\$48,800
Total	\$56,400	\$116,100
Importance Code A	\$56,400	\$67,300
Importance Code B		\$48,800
Total	\$56,400	\$116,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,500	\$36,600		\$7,800
Interior Architecture	\$1,600	\$500	\$700	\$23,800
Electrical	\$15,700	\$100		\$26,200
Mechanical	\$1,800	\$6,100	\$1,700	\$8,400
Total	\$32,500	\$43,400	\$2,400	\$66,300
Importance Code A	\$13,800	\$36,900	\$300	\$8,100
Importance Code B	\$18,700	\$6,500	\$1,700	\$58,100
Importance Code C			\$400	
Total	\$32,500	\$43,400	\$2,400	\$66,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13008

Architecture	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•	•					
Exterior Walls							
Cast in Place Concrete	5%		LIFE	* *	5	\$5,200	
Masonry: Brick	50%		LIFE	* *	5	\$10,400	
Metal Coiling Doors	5%		2040	* *	5	\$3,300	
Metal: Cage/Fence	15%		2040	* *	5	\$13,600	
Marble Panels	10%		LIFE	* *	5	\$1,600	
	Punct/Tear/Impact Dan Location : Adjacent T	-		Affected : 1%			
Wood	15%		2032	* *	5	\$15,600	
	Other Observation, Ext	ent : Light, Area A	Affected	: 100%			
	Location : Addition/ E		Of Buil	ding			
	Explanation: Wood F	Panel Walls					
Windows							
Aluminum	100% Now	\$56,400	2052	**	5	\$700	
	Air Infiltration, Extent:		ected: 1	100%			
	Location: Throughou			1.00			
	Ctrwt/Balnc Not Funct,		e, Area	Affected: 30%			
	Location: Throughou		4 66	1 2007			
	Hardware Missing, Ext		rea Affe	cted : 30%			
	Location: Throughou		A CC	. 1 1000/			
	Other Observation, Ext. Location: Throughou		rea А IJе	стеа : 100%			
	Explanation : Therma						
Parapets	Ехрининоп . Тнетти	шу тејјистен					
Metal Rail	100%		2040	* *	5-10	\$46,400	
Roof	10070		2040		3 10	ψ+0,+00	
Modified Bitumen	100% Now	\$13,500	2027	\$67,300			
Wediffed Bitumen	Alligatoring, Extent : L						
	Location : Throughou	-					
	Ponding, Extent : Light		20%				
	Location : Throughou						
Interior							
Floors							
Cast in Place Concrete	50%		LIFE	* *	5	\$11,700	
Ceramic Tile	5%		2036	* *	5	\$500	
Terrazzo	5%		LIFE	* *	5	\$400	
Vinyl Tile	20%		2032	* *	3	\$800	
Vinyl Tile 9" X 9"	20%		2022	\$23,500	3	\$1,100	
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$800	
	25%		LIFE	* *	5	\$2,500	
Gypsum Board					_	¢1 200	
Gypsum Board Plaster	25%		LIFE	* *	5	\$1,300	
• 1	25% Patching Evident, Exter		fected :		3	\$1,300	
• 1	25%		fected :		3	\$1,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 9 /LADDER CO. 6

Asset #: 13008

Architecture		Current Repair	F	utur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated (Years)		ear Y	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now \$	1,300 20	40	* *	5	\$300	
		issing Elements, Exten : Basement	t : Moderate	e, Ar	ea Affected : 40%			
	Water Pen	etration, Extent : Mod	lerate, Area	Affe	cted : 10%			
	Location	: Basement						
AcousTileSusp.Lay-In	5%		20	40	* *	5	\$500	
Exposed Concrete	45%		LI	FE	* *	5	\$800	
Gypsum Board	20%		LI	FE	* *	5	\$2,700	
Plaster	25%		LI	FE	* *	5	\$1,700	
	Staining/L	iscoloring, Extent : L	ight, Area Aj	ffect	ed : 15%			
	Location	: Apparatus Floor Ar	rea					
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%		20	32	* *			

Electrical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$4,800	5		
			nt : Light, Area	Affected	! : 100%			
	Location	: Basement						
	Explanati	on : Electrica	ıl Service, Rate	d 400 An	iperes			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$200	
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2035	* *	5	\$200	
Wiring								
Braided Cloth	40%	2-4	\$11,100	2052	* *	1		
	Other Obse	ervation, Exte	nt : Moderate, 1	Area Affe	ected : 100%			
	Location	: Throughout						
	Explanati	on : Insulatio	n Aged					
Thermoplastic	60%			2047	* *	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5		
Ground					· ,			
Grounding Devices								
Generic	100%	Now	\$1,000	LIFE	* *	5	\$100	
		ervation, Exte : Basement	nt : Moderate, 1	Area Affe	ected : 100%			
	Explanati	on : There Is	No Ground Wi	re Jumpi	ng The Water Mete	er.		
Lighting	_T v					•		

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13008

Electrical	Current Rep	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	70%		2022	\$12,200	10	\$4,100	
	Other Observation, Exte	nt : Light, Area	Affected	! : 100%			
	Location : Throughout						
	Explanation : Old Fixt	ures: T-8 And T	-12				
Incandescent	20%		2027	\$8,200	2		
Incandescent	5%		2022	\$2,100	2		
LED	5%		2032	* *			
Egress Lighting							
Exit, Service	50%		2022	\$400	1		
Exit, Battery	50%		2022	\$1,200	10	\$200	
Exterior Lighting							
HID	25%		2022	\$6,000	10		
HID	75% Now	\$3,600	2037	* *			
	Not in Service, Extent : N	Moderate, Area	Affected	: 100%			
	Location : Building Fa	cade					

Mechanical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2047	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$3,200	
	Other Observation, Extent : Li	ight, Area Affected	: 100%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2026	\$9,300	4	\$300	
Terminal Devices						
Convector/Radiator	80%	2025	\$25,700	1	\$1,700	
Unit Heater - Steam	20%	2027	\$4,300	4	\$200	
Air Conditioning						
Energy Source						
Electricity	100%	2035	* *	1		
Conversion Equipment						
Exterior Pkg Unit -	15%	2022	\$7,300	2	\$100	
Cooling						
Window/Wall Unit	45%	2020	\$5,600	1		
No Component	40%					
Distribution						
Ductwork/Diffusers	50%	LIFE	* *	2	\$4,200	
No Component	50%					

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13008

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Distribution					***	
Ductwork/Diffusers	25%	LIFE	* *	2-5	\$900	
No Component	75%					
Exhaust Fans	200/ N	¢1 000 2027	#2 000	2		
Roof	20% Now Noisy/Vibrating, Extent: Mod Location: Roof Not in Service, Extent: Light, Location: Roof		\$2,000	2		
Wall Unit	10%	2022	\$200	2		
No Component	70%	2022	\$200	2		
Plumbing	,,,,,					
H/C Water Piping						
Galvanized Steel	100%	2032	* *	1		
Water Heater						
Gas Fired	100% 2025 \$3,700 2 Other Observation, Extent: Light, Area Affected: 100% Location: Boiler Room				\$100	
	Explanation: 2 Units 74 Ga	llon				
Sanitary Piping	-					
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s) Submersible	100% Now Unit Inoperable, Extent : Seve Location : Basement	\$200 2022 ere, Area Affected : 100	\$200	4	\$100	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Wet	10%	2025	\$200	1-3	\$500	
No Component	90%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 90/LADDER CO. 41 Address : 1843 WHITE PLAINS ROAD

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 12,520 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 4049 Lot : 49 BIN : 2043470

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$71,600	
Electrical	\$48,800	
Mechanical		\$41,700
Total	\$120,400	\$41,700
Importance Code B	\$120,400	\$41,700
Total	\$120,400	\$41,700

\$44,800			
\$44,100	\$1,600	\$35,000	\$1,900
\$34,100	\$1,200	\$1,200	\$1,400
\$123,100	\$2,900	\$36,200	\$3,300
\$1,900	\$2,900	\$21,700	\$2,000
\$35,600		\$13,500	
\$57,400		\$900	\$1,100
\$28,100			\$200
FY 2019	FY 2020	FY 2021	FY 2022
	\$28,100 \$57,400 \$35,600 \$1,900 \$123,100 \$34,100 \$44,100	\$28,100 \$57,400 \$35,600 \$1,900 \$2,900 \$123,100 \$2,900 \$34,100 \$1,200 \$44,100 \$1,600	\$28,100 \$57,400 \$900 \$35,600 \$13,500 \$1,900 \$2,900 \$21,700 \$123,100 \$2,900 \$36,200 \$34,100 \$1,200 \$1,200 \$44,100 \$1,600 \$35,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13073

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	\$23,700	
	_	pair Evident : Front Fac	, Extent : Light, A cade	rea Affe	cted : 30%			
Masonry: Granite	7%			LIFE	* *	5	\$1,900	
Masonry: Limestone		Now	\$5,600	LIFE	* *	5	\$1,900	
		issing Eleme : Front Fac		erate, Ar	rea Affected : 20%			
Masonry: Limestone	8%			LIFE	* *	5	\$2,200	
Stucco Cement	3%			2043	* *	5	\$2,700	
	_	pair Evident : Front Fac	, Extent : Light, A cade	rea Affe	cted : 100%			
Wood Overhead Doors	10%			2039	* *	5	\$18,200	
Windows								
Aluminum	100%			2034	* *	5	\$3,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,700	
Masonry: Brick	85%			LIFE	* *	5	\$1,800	
Metal Panel	5%			2052	* *	5	\$400	
Roof								
Asphalt Shingle	10%	0-2	\$1,600	2029	* *			
		_	-		ea Affected : 30% light) And Kitchen			
Built-Up (BUR)		Now	\$10,300	2036	* *			
	_		ent : Moderate, Ai Over Dining Ared		ted : 20%			
		_	tent : Moderate, A		cted : 15%			
			Over Dining Area					
	Worn/Eroc	ded, Extent :	Moderate, Area Over Dining Area	Affected	: 100%			
Modified Bitumen	70%			2034	* *	10	\$10,600	
modified Bridging	Recent Rep	place Evider : Main Roo	nt, Extent : Light, i		ected : 100%	10	\$10,000	
Skylight, Metal/Glass	5%			2036	* *	10	\$2,500	
Interior						-	+) +	

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13073

chitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$16,400	
Ceramic Tile	10%			2039	* *	5	\$1,900	
Terrazzo	5%			LIFE	* *	5	\$700	
	Location	a : 1st Floor	xtent : Light, Area zzo On Stair Treac		! : 100%			
Vinyl Tile		Now	\$71,600	2036	* *	3	\$3,200	
v myr rne	Broken/M		ents, Extent : Mod		ea Affected : 25%		\$3,200	
		_	tent : Severe, Area	Affected	l : 15%			
			r Bunk Room					
	Worn/Ero	ded, Extent	: Severe, Area Aff	ected : 5	0%			
	Location	: Through	out.					
Interior Walls								
Ceramic Tile	5%			2039	* *	5	\$1,300	
			ent, Extent : Light, out Bathrooms	Area Aff	ected : 100%			
Gypsum Board	15%			LIFE	* *	5	\$2,300	
Plaster		Now	\$9,300 Extent : Severe, A	LIFE	* *	5	\$3,500	
	Location Water Per	n : 2nd And netration, E		n Leadei	· Located At Front	Of Build	ling	
SGFT/Glazed Masonry		Now	\$34,900	LIFE	* *			
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10% Location: Apparatus Floor. Worn/Eroded, Extent: Light, Area Affected: 5%							
		ueu, Exteni 1 : Apparati		леи . 570	,			
Ceilings								
AcousTileSusp.Lay-In	10%			2031	* *	5	\$1,900	
Embossed Metal	30%			LIFE	* *	5	\$2,500	
Exposed Concrete	30%			LIFE	* *	5	\$900	
Gypsum Board	10%	Now	\$1,900	LIFE	* *	5	\$2,300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : 1st Floor Dining Room							
	Water Penetration, Extent: Moderate, Area Affected: 10% Location: 1st Floor Dining Room							
Plaster	20%	Now	\$9,800	LIFE	* *	5	\$2,300	
	Cracking/Crumbling, Extent: Severe, Area Affected: 2% Location: All Three Floors By Storm Leader At Front Of Building.							
	Paint Pee	ling, Extent	: Moderate, Area	Affected	: 30%			
			ry, Locker Room.					
			xtent : Severe, Are					
	Location	: 2nd And	3rd Floor By Store	n Drain	Leader Located At	Front O	f Building	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13073

Electrical		Current F	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%		\$4,800	2056	* *	5	\$200	
			tent : Light, Area A	Affected .	100%			
		: Basemen						
			xtent : Light, Area	Affected	! : 100%			
		: Basemen	•					
	Explana	tion : 400 A	mperes Service					
Switchgear / Switchboard	1000/	0.0	# 40,000	2056	ale ale	_	#200	
Molded Case Bkrs	100%		\$48,800	2056	**	5	\$200	
			tent : Light, Area A	Affected .	100%			
	Location	: Basemen	t					
Raceway	2001			• • • •	** * * * * *			
Conduit	80%			2026	\$25,000	1		
Conduit	20%			2046	* *	1		
Panelboards	200/			20.42	* *	-	Ф100	
Molded Case Bkrs	20%	0.2	#20 000	2042	* *	5	\$100	
Molded Case Bkrs	80%	0-2	\$30,800	2051		5	\$100	
			tent : Light, Area A	Affected .	100%			
****	Locanon	: Inrough	out The Building					
Wiring	1000/			2026	#27.700	1		
Thermoplastic	100%			2026	\$27,700	1		
Ground								
Grounding Devices Generic	100%			LIFE	* *	5	\$200	
	100%			LIFE		3	\$200	
Lighting Interior Lighting								
Fluorescent	97%			2031	* *	10	\$11,100	
Tuorescent		And Fixtu	res, Extent : Light,		fected · 100%	10	\$11,100	
	-		out The Building	717 ca 7195	10070			
Incandescent	3%		2 2 2	2021	\$2.400	2		
	3%			2021	\$2,400			
Exterior Lighting HID	50%			2026	\$22 600	10		
No Component	50% 50%			2020	\$23,600	10		
No Component	30%							

Mechanical	Current Repair	Future Rep	olacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$12,400	
Distribution						
Central Plant Steam	100%	2036	* *	4	\$900	
Piping/Pmp						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13073

Mechanical	Cui	rent Repair	Future Replacement		M	Maintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$4,000	
Air Conditioning							
Energy Source	1000/		20.42	* *	1		
Electricity	100%		2042		1		
Conversion Equipment	50/		2021	* *	2		
Ext Pkg Unit - Heating/Cooling	5%		2031		2		
Heating/Cooming	R-134a Refrige	rant, Extent : Light, Ared	a Affected	. 100%			
		runi, Extent . Ligni, Aret rves Kitchen Only	и Пујестец	. 10070			
Winds/W-11 II	75%	, as illustration offity	2021	¢10.200	1		
Window/Wall Unit	75% 20%		2021	\$18,300	1		
No Component	20%						
Distribution Ductwork/Diffusers	5%		LIFE	* *	2	\$800	
No Component	95%		LIFE		2	\$600	
Ventilation Ventilation	9370						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,000	
Exhaust Fans	10070		LIIL		2-3	\$7,000	
Interior	100%		2026	\$41,700	2	\$400	
Plumbing	10070		2020	ψ11,700		Ψ100	
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
Water Heater							
Gas Fired	100%		2024	\$7,100	2	\$200	
	Other Observa	tion, Extent : Light, Area	Affected .	100%			
	Location : Ba	sement					
	Explanation:	2 - 75 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2020	\$400	4	\$400	
		tion, Extent : Light, Area	Affected .	: 100%			
	Location : Ba				_	_	
	Explanation :	2 - Heavy Duty Duplex	Units Use	d With Under Flo	or Drain	age System	
Fixtures	1000/						
Generic	100%						
Fire Suppression							
Chemical System	1000/		2024	#1.000	1.2	#2.50 0	
Generic	100%		2024	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 91

Address : 240-244 EAST 111th STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.091 / 13074 Yr Built/Renovated : 1912 /

Area Sq Ft : 12,298 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1660 Lot : 30 BIN : 1052473

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$249,100	
Electrical		\$38,500
Mechanical	\$177,900	
Total	\$427,000	\$38,500
Importance Code A	\$74,400	
Importance Code B	\$313,900	\$38,500
Importance Code C	\$38,600	
Total	\$427,000	\$38,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,500			
Interior Architecture	\$73,900			\$1,000
Electrical	\$25,500	\$300	\$14,100	\$200
Mechanical	\$43,000	\$1,600	\$3,600	\$1,700
Total	\$181,900	\$1,900	\$17,700	\$2,900
Importance Code A	\$39,500	\$1,200	\$1,200	\$1,200
Importance Code B	\$119,300	\$700	\$16,400	\$1,700
Importance Code C	\$23,100			
Total	\$181,900	\$1,900	\$17,700	\$2,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13074

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	\$10,900	
Masonry: Limestone	10%			LIFE	* *	5	\$1,000	
			, Extent : Light, Are acade Above 3rd Fl		ed : 15%			
Wood Overhead Doors	10%			2039	* *	5	\$6,800	
Windows								
Aluminum		ded, Extent	\$2,800 : Moderate, Area A r Apparatus Room	2042 Affected	: 15%	5	\$200	
Parapets								
Cast Stone/Terra Cotta	Location	d/Bulging, 1 : Various	\$400 Extent : Moderate, Locations ed, Extent : Modera	-		5	\$1,100	
	Location	ı : Various	Locations	ie, Areu				
Masonry: Brick	Location Effloresce	Crumbling, 1 : Various	: Light, Area Affec			5	\$1,300	
Roof								
Built-Up (BUR)	Drains Cl Location Grvl/Blst Location Ponding, Location	ı : Various Miss/Disp, ı : Various Extent : Mo ı : Near Ro	Extent : Light, Ared Locations oderate, Area Affect	a Affecte ed : 15%	d : 15% 6			1
erior			oor At Bulkhead, S	-		240, Kitc	hen	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 91

Asset #: 13074

	Current F	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
40% Cracking/0	Now Crumbling,	\$49,800 Extent : Moderate	LIFE , Area A	* * ffected : 15%	5	\$17,500	
Location	: Apparatu	ıs Room Floor					
Other Obs	ervation, E.	xtent : Severe, Are	a Affecte	ed: 70%			
Explanat	ion : Struci	turally Insufficient					
10%	2-4	\$3,900	2035	* *	5	\$1,000	
Worn/Eroc	led, Extent			: 72%			
Location	: Toilets A	nd Showers Throu	ghout				
10%	0-2	\$5,700	2039	* *	5	\$1,500	
Broken/Mi	ssing Elem			rea Affected : 20%			
Location	: Kitchen						
Worn/Eroc	led, Extent	: Light, Area Affec	cted : 75	%			
Location	: Kitchen						
40%	Now	\$20,400	2031	* *	3	\$3,000	
	_	ents, Extent: Mod		rea Affected : 25%		. ,	
			Affected	· 40%			
			престеи	. 70/0			
	40% Cracking/o Location Other Obs Location Explanat 10% Worn/Erod Location Worn/Erod Worn/Erod Location	40% Now Cracking/Crumbling, Location : Apparatu Other Observation, E Location : Apparatu Explanation : Struct 10% 2-4 Worn/Eroded, Extent Location : Toilets A 10% 0-2 Broken/Missing Elem Location : Kitchen Worn/Eroded, Extent Location : Kitchen 40% Now Broken/Missing Elem Location : 2nd And Worn/Eroded, Extent	A0% Now \$49,800 Cracking/Crumbling, Extent: Moderate Location: Apparatus Room Floor Other Observation, Extent: Severe, Are Location: Apparatus Room Explanation: Structurally Insufficient 10% 2-4 \$3,900 Worn/Eroded, Extent: Moderate, Area Location: Toilets And Showers Throu 10% 0-2 \$5,700 Broken/Missing Elements, Extent: Mod Location: Kitchen Worn/Eroded, Extent: Light, Area Affect Location: Kitchen 40% Now \$20,400 Broken/Missing Elements, Extent: Mod Location: 2nd And 3rd Floor	40% Now \$49,800 LIFE Cracking/Crumbling, Extent: Moderate, Area A Location: Apparatus Room Floor Other Observation, Extent: Severe, Area Affecte Location: Apparatus Room Explanation: Structurally Insufficient 10% 2-4 \$3,900 2035 Worn/Eroded, Extent: Moderate, Area Affected Location: Toilets And Showers Throughout 10% 0-2 \$5,700 2039 Broken/Missing Elements, Extent: Moderate, Ar Location: Kitchen Worn/Eroded, Extent: Light, Area Affected: 75% Location: Kitchen 40% Now \$20,400 2031 Broken/Missing Elements, Extent: Moderate, Ar Location: 2nd And 3rd Floor Worn/Eroded, Extent: Moderate, Area Affected Worn/Eroded, Extent: Moderate, Ar	% of Fail Date Estimated Cost Total (Years) 40% Now \$49,800 LIFE ** Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Apparatus Room Floor Other Observation, Extent: Severe, Area Affected: 70% Location: Apparatus Room Explanation: Structurally Insufficient 10% 2-4 \$3,900 2035 ** Worn/Eroded, Extent: Moderate, Area Affected: 72% Location: Toilets And Showers Throughout 10% 0-2 \$5,700 2039 ** Broken/Missing Elements, Extent: Moderate, Area Affected: 20% Location: Kitchen Worn/Eroded, Extent: Light, Area Affected: 75% Location: Kitchen 40% Now \$20,400 2031 ** Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: 2nd And 3rd Floor Worn/Eroded, Extent: Moderate, Area Affected: 40%	% of Fail Date Estimated Cost Total (Years) 40% Now \$49,800 LIFE ** 5 Cracking/Crumbling, Extent: Moderate, Area Affected: 15% Location: Apparatus Room Floor Other Observation, Extent: Severe, Area Affected: 70% Location: Apparatus Room Explanation: Structurally Insufficient 10% 2-4 \$3,900 2035 ** 5 Worn/Eroded, Extent: Moderate, Area Affected: 72% Location: Toilets And Showers Throughout 10% 0-2 \$5,700 2039 ** 5 Broken/Missing Elements, Extent: Moderate, Area Affected: 20% Location: Kitchen Worn/Eroded, Extent: Light, Area Affected: 75% Location: Kitchen 40% Now \$20,400 2031 ** 3 Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: 2nd And 3rd Floor Worn/Eroded, Extent: Moderate, Area Affected: 40%	## Fail Date Estimated Cost Total (Years) Year Estimated Cost (Yrs) Estimated Cost (Yrs) ### A0% Now \$49,800 LIFE

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 91

Asset #: 13074

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
nterior					
Interior Walls	10% 0-2 \$1,100	2035 **	5	\$1,000	
Ceramic Tile	Broken/Missing Elements, Extent: Mode Location: Throughout	erate, Area Affected : 15%	3	\$1,000	
	Staining/Discoloring, Extent: Light, Are Location: Throughout	ea Affected : 50%			
Gypsum Board	10% 0-2 \$400	LIFE **	5	\$1,200	
	Broken/Missing Elements, Extent : Mode Location : Gymnasium	erate, Area Affected : 10%			
Masonry: Brick	25% Now \$38,600	LIFE **			
·	Broken/Missing Elements, Extent: Mode Location: Basement	erate, Area Affected : 15%			
	Paint Peeling, Extent : Light, Area Affect Location : Basement	ted : 75%			
	Water Penetration, Extent : Severe, Area Location : Basement	ı Affected : 80%			
Plaster	30% Now \$2,400 Cracking/Crumbling, Extent: Severe, And Location: Various Locations On 2nd A	••	5	\$1,800	
	Paint Peeling, Extent : Light, Area Affect Location : Various Locations On 2nd A				
	Water Penetration, Extent : Severe, Area Location : Rear Wall Of 240 (Now Vac				
SGFT/Glazed Masonry	25% 0-2 \$19,200	LIFE **			
,	Broken/Missing Elements, Extent: Mode Location: Apparatus Room	erate, Area Affected : 10%			
	Diagonal Cracks, Extent : Moderate, Ar Location : Apparatus Room	ea Affected : 10%			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13074

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In		Now		2039	* *	5	\$100	
		issing Elemen 1 : Pantry	ts, Extent : Mod	lerate, Ar	ea Affected : 85%			
Exposed Concrete	25%	Now	\$160,600	LIFE	* *	5	\$800	
-	Cracking/	Crumbling, E	xtent : Severe, A	rea Affec	ted : 25%			
	Location	n : Basement						
	Exposed I	Reinforcement	, Extent : Severe	e, Area Aj	fected : 15%			
	Location	n : Basement						
	Spalling,	Extent : Sever	e, Area Affected	! : 15%				
	Location	n : Basement						
	Other Ob	servation, Ext	ent : Severe, Are	ea Affecte	d : 100%			
	Location	n : Basement						
	Explana	tion : Structur	rally Insufficient	t				
Gypsum Board	10%	Now	\$4,000	LIFE	* *	5	\$2,500	
J 1	Broken/M	issing Elemen	ts, Extent : Seve	ere, Area	Affected : 40%		, ,	
	Location	n : 2nd Floor	Corridor					
	Cracking/	Crumbling, E	xtent : Moderate	e, Area Aj	fected : 5%			
	Location	n: 2nd Floor	Toilets	_				
Plaster	64%	Now	\$16,800	LIFE	* *	5	\$8,000	
1 10001			ts, Extent : Seve		Affected : 20%	Ü	\$0,000	
		ı : 3rd Floor	,	.,	35			
	Staining/I	Discoloring, E	xtent : Moderate	e. Area A	ffected : 5%			
	_	ı : Kitchen		.,	<i>y</i>			
			ent : Severe, Are	ea Affecte	d : 30%			
		ı : 3rd Floor	50,0,0,7110	11,,, 0010				

Electrical	Current Repa	ir Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Not Accessible	100%					
Raceway						
Conduit	100%	2026	\$31,300	1		
Panelboards						
Molded Case Bkrs	100%	2025	\$38,500	5	\$300	
	Obsolete Equipment, Exte	nt : Severe, Area Affect	ed : 100%			
	Location : Throughout F	Firehouse				
Wiring						
Thermoplastic	100%	2026	\$27,700	1		
Motor Controllers						
Locally Mounted	100%	2024	\$14,400	5	\$100	

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13074

Electrical	C	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$33,300	10	\$11,300	
	•	.nd Fixtures, Extent : Light, Throughout	Area Afj	fected : 100%			
Exterior Lighting							
HID	30%		2021	\$13,900	10		
No Component	70%						
Alarm							
Fire/Smoke Detection							
No Component	80%						
Generic, Analog	20%	0-2 \$25,400	2036	* *	1-3	\$1,400	
	-	y Operated Detect, Extent : Throughout	Light, A	rea Affected : 1009	%		

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	2-4	\$74,400	2046	* *	1	\$11,000	
	Corroded,	Extent: M	oderate, Area Affe	cted : 50	%			
	Location	: Basemen	t					
	On Extend	ed Life, Ex	tent : Moderate, Ai	ea Affec	rted : 100%			
	Location	: Basemen	t					
Distribution								
Central Plant Steam	100%	4+	\$19,500	2046	* *	4	\$600	
Piping/Pmp								
1 0 1	Insul. Dete	riorating,	Extent : Light, Ared	ı Affecte	d : 40%			
	Location	: Basemen	t					
Terminal Devices								
Convector/Radiator	90%	2-4	\$5,500	2039	* *	1	\$3,200	
	Damaged,	Extent : Li	ght, Area Affected	: 30%				
	Location	: Radiator	Covers					
Unit Heater - Steam	10%			2031	* *	4	\$200	
Air Conditioning	<u> </u>							
Energy Source								
Electricity	100%			2042	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13074

lechanical	Current Repair	Future R	eplacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning						
Conversion Equipment						
Split Unit	25%	2021	\$61,400			
Window/Wall Unit	25% 4+ \$1,20		\$6,000	1		
	On Extended Life, Extent : Light, Ar Location : Various Location Throu		%			
No Component	50%					
Distribution						
Ductwork/Diffusers	25%	LIFE	* *	2	\$4,000	
No Component	75%					
entilation						
Distribution 1/D:cc	1000/	LIEE	* *	2.5	Φζ 000	
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,900	
Exhaust Fans	500/	2021	* *	2	\$200	
Interior	50% Abandoned in Place, Extent: Light,	2031		2	\$200	
	Location : Kitchen Hood Fan	Агеа Ајјества .	2070			
	Other Observation, Extent: Light, A	was Affaatad . 1	00/			
	Location : Kitchen Hood	rea Affectea : 1	0%			
	Explanation : No System					
D. C		2026	* *	2	Ф200	
Roof	50% 2-4 \$9,50 On Extended Life, Extent: Light, Ar			2	\$200	
	Location: Roof	ей Ајјестей . 50	70			
umbing	Locuiton . Rooj					
H/C Water Piping						
Galvanized Steel	100%	2031	* *	1		
Water Heater	10070	2031		1		
Gas Fired	100%	2024	\$7,000	2	\$200	
GasTirea	Other Observation, Extent : Light, A			2	\$200	
	Location: Basement	reary cerea . 1	0070			
	Explanation: 1 - 75 Gallon Unit					
Sanitary Piping	Zipiananoi I , e canon cini					
Cast Iron	100% 0-2 \$42.10	00 LIFE	* *	1		
	Corroded, Extent : Moderate, Area			-		
	Location : Basement	33				
Storm Drain Piping						
Cast Iron	100% 2-4 \$7,20	00 LIFE	* *	1		
	Corroded, Extent : Moderate, Area					
	Location: Basement					
Sump Pump(s)						
Non-Submersible	100%	2026	\$1,800	4	\$300	
•	Other Observation, Extent : Light, A				,	
	Location : Throughout					
	Explanation: 1 Unit On Each Side	2				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

ENGINE CO. 91 Asset #: 13074

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Plumbing

Backflow Preventer

No Component 95%

Generic 5% 2034 **

 $Other\ Observation,\ Extent: Light,\ Area\ Affected:100\%$

Location: Basement

Explanation: Serves Boiler Only

Fixtures

Generic 100%

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1305

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 92/LADDER CO. 44

Address : 1259 MORRIS AVENUE BTWN: E.168 ST. - E.169 ST.

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.092 / 13075 Yr Built/Renovated : 1912 /

Area Sq Ft : 10,623 Project Type : FIRE DEPARTMENT

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2450 Lot : 40 BIN : 2096490

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$59,400
Interior Architecture		\$54,000
Electrical		\$15,400
Total		\$128,800
Importance Code A		\$59,400
Importance Code B		\$69,400
TF 4.1		2442 200

Total \$128,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$58,600	\$1,400		\$13,200
Interior Architecture	\$75,300	\$400	\$500	\$5,000
Electrical	\$3,700	\$2,600	\$800	\$7,400
Mechanical	\$11,300	\$1,900	\$2,400	\$4,000
Total	\$148,800	\$6,300	\$3,800	\$29,600
Importance Code A	\$59,200	\$1,900	\$500	\$13,700
Importance Code B	\$55,600	\$4,300	\$2,700	\$15,800
Importance Code C	\$34,000		\$500	
Total	\$148,800	\$6,300	\$3,800	\$29,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13075

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$26,900	
Masonry: Granite	4%			LIFE	* *	5	\$1,200	
Masonry: Limestone	_		\$23,200 , Extent : Moderate acade	LIFE , Area Ą	* * ffected : 20%	5	\$2,900	
Metal Panel	5%			2037	* *	5-10	\$13,200	
Weathering Steel	1%			LIFE	* *	1		
Wood Overhead Doors	10%			2032	* *	5	\$19,200	
Windows Aluminum	100%			2035	* *	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	Caulking .		\$4,300 ed, Extent : Modera Joints - Street Face		* * Affected : 30%	5	\$2,100	
Masonry: Brick	Vegetation		\$10,300 Extent : Severe, Are de Of Coping	LIFE ea Affecte	* * ed : 30%	5	\$1,800	
Metal Rail No Component	15% 10%			2044	* *	5-10	\$7,500	
Roof	1070							
Modified Bitumen	Blisters, E Location Debris Pr Location Drains Ind Location Seams Op Location	e: 2nd Floo esent, Extent e: 2nd Floo ad/Misposn e: Through en/Split, Ex e: Through	nt : Severe, Area Aj or Roof a, Extent : Moderate out xtent : Moderate, A	ffected : . e, Area A rea Affec	20% ffected : 30% cted : 20%			
			oor Locker Room	11,,, 6				
nterior	Location	. 11111411	eor Ecener Room					

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13075

Architecture	Curre	ent Repair	Futu	Future Replacement		Maintenance	
ystem Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors							
Cast in Place Concrete	40% Nov		LIFE	* *	5	\$13,900	
		n, Extent : Moderate, A			***		
		aste/ Sewer Line Back	-		ot Water I	Heater - Basement	
		tent : Moderate, Area	Affected	: 25%			
	Location : Appe	iratus Floor					
Ceramic Tile	5%		2030	* *	5	\$800	
Quarry Tile	5%		2032	* *	5	\$1,200	
Sheet Vinyl/Rubber	10%		2032	* *	5	\$2,400	
		n, Extent : Light, Area	Affectea	! : 100%			
		d Floor Gymnasium					
	Explanation : I	nterlocking Rubber Til	e				
Vinyl Tile	40% 2-4	Ψ10,=00	2027	\$54,000	3	\$2,400	
	_	ling, Extent : Moderate	, Area A	ffected : 20%			
		nd And Third Floors					
		tent : Moderate, Area	Affected	: 10%			
	Location : Seco	nd And Third Floors					
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$1,100	
Gypsum Board	50%	**	LIFE	* *	5	\$6,600	
Masonry: Brick	20% 0-2		LIFE	**			
	Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 20%						
		ment Sidewalk Vaults		1 150/			
		n, Extent : Moderate, A	Area Affe	cted : 15%			
	Location : Side	waik vauit					
Plaster	5%		LIFE	* *	5	\$300	
SGFT/Glazed Masonry	20%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	30%		2032	* *	5	\$4,800	
Exposed Struc: Steel	25%		LIFE	* *			
		n, Extent : Light, Area	Affected	! : 100%			
		w Apparatus Floor					
		ctually Metal Decking					
Gypsum Board	20%		LIFE	* *	5	\$4,000	
Plaster	25% Nov	. ,	LIFE	* *	5	\$2,500	
		n, Extent : Moderate, A	Area Affe	cted : 10%			
	Location : Thir	d Floor Locker Room					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13075

Electrical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Control (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Modera Location : Basement Explanation : Main Service Disco		5		
Switchgear / Switchboard					
Molded Case Bkrs Raceway	100%	2037	5 \$300		
Conduit Panelboards	100%	2037 **	1		
Molded Case Bkrs Molded Case Bkrs	60% 40%	2035 ** 2026 \$15,400	5 \$200 5 \$100		
Wiring Thermoplastic	100%	2037 **	1		
Motor Controllers Locally Mounted	100%	2032 **	5 \$100		
Ground Grounding Devices Generic Stand-by Power	100%	LIFE **	5 \$200		
Transfer Switches Automatic	100%	2032 **	1 \$3,300		
Generators Diesel	100% Other Observation, Extent: Modera Location: Outside		1 \$4,100		
Batteries	Explanation: Emergency General				
Lead/Acid Fuel Storage Main Tank	100% 100% Other Observation, Extent : Modera Location : Outside	2020 \$1,500 2042 ** ate, Area Affected : 100%	5 \$400 5 \$300		
	Explanation: 60 Gallons Rated C	apacity			
Lighting Interior Lighting Fluorescent	88% T-8 Lamps And Fixtures, Extent : M Location : Throughout The Buildin		10 \$8,600		
Fluorescent	10% Now \$2,90 Not in Service, Extent : Moderate, A Location : Throughout The Buildin	Area Affected : 100%			
Fluorescent	2% Compact Fluorescent Light, Extent Location: 1st Floor	2022 \$600	10 \$200		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13075

Electrical		Current Repair Future Replace		e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	25%		2027	\$1,300	1		
Emergency, Battery	25%		2027	\$3,600	10	\$600	
Exit, Service	50%		2027	\$600	1		
Exterior Lighting							
HID	20%		2027	\$8,000	10		
No Component	80%						
Alarm							
Fire/Smoke Detection							
No Component	95%						
Generic, Analog	5%		2022	\$5,500	1-3	\$300	
	Other Obs	ervation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	e: 1st Floor					
	Explana	tion : For Gasoline Pump On	ly; Alarn	Bells Only			

Mechanical	Cui	rrent Repair	Futur	e Replacement	М	Maintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Furnace	50%		2032	* *	1	\$2,600	
	Location: Ro	9	Affected	: 50%			
	Explanation:	5 Rtu Package Units					
Hot Water Boiler	50%		2032	* *	1	\$2,600	
	Other Observat Location : Ba	tion, Extent : Light, Area sement	Affected	: 50%			
	Explanation:	4 Boilers Piped Togethe	r				
Distribution							
Hot Wtr Piping/Pump	50% No	ow \$400	2035	* *	4	\$300	
	*	Extent : Severe, Area Aff mperature Control Syster		%			
No Component	50%						
Terminal Devices							
Convector/Radiator	25%		2032	* *	1	\$900	
Unit Heater - Steam	25%		2027	\$8,900	4	\$400	
No Component	50%						
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13075

Mechanical	Current R	epair	Future Replacement Maintenan		aintenance	ice	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	50%		2032	* *	2	\$300	
Treating Cooling	Other Observation, Ex Location : Roof			: 50%			
N. C	Explanation: 5 Rtu	Package Units. R	-410a				
No Component Ventilation	50%						
Distribution							
Ductwork/Diffusers	100% Now Insul. Deteriorating, E Location: Roof	\$4,600 Extent : Moderate,	LIFE Area Affo	* * ected : 10%	2-5	\$5,900	
Exhaust Fans							
Interior	30%		2032	* *	2	\$100	
Roof	50%		2032	**	2	\$200	
Wall Unit Plumbing	20%		2027	\$700	2	\$100	
H/C Water Piping Brass/Copper	100% Booster Pump w/Tank Location : Basement	_	2047 rea Affect	* * ted : 100%	1		
HW Heat Exchanger Steam Fired	100%		2047	* *	4	\$1,600	
Sanitary Piping Cast Iron	100% Now Blockage /Clogged, E. Location : Front Sid			* * d : 5%	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Sump Pump(s) Submersible	100%		2020	\$300	4	\$300	
Backflow Preventer Generic	100%		2032	* *	1	\$700	
Fixtures Generic	100%						
Fire Suppression Sprinkler Generic	100%		2047	* *	1-2	\$3,000	
Fire Pump Generic	100%		2036	* *	1	\$2,000	
Chemical System Wet	100%		2022	\$2,100	1-3	\$4,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 93/LADDER CO. 45

Address : 515 WEST 181st STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 21,883 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2155 Lot : 30 BIN : 1075518

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$37,300	\$62,100
Interior Architecture	\$35,600	\$35,800
Electrical		\$74,300
Total	\$72,800	\$172,200
Importance Code A	\$37,300	\$62,100
Importance Code B	\$35,600	\$110,100
Total	\$72,800	\$172,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,700			\$1,600
Interior Architecture	\$54,100			
Electrical	\$3,100	\$2,800	\$27,900	\$1,100
Mechanical	\$20,800	\$3,600	\$12,700	\$4,100
Total	\$100,700	\$6,300	\$40,600	\$6,800
Importance Code A	\$24,200	\$1,600	\$1,700	\$3,200
Importance Code B	\$60,900	\$4,700	\$39,000	\$3,600
Importance Code C	\$15,600			
Total	\$100,700	\$6,300	\$40,600	\$6,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13076

Architecture	Current Rep	air Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	- 1	•				
Exterior Walls						
Masonry: Brick	70%	LIFE	* *	5	\$29,900	
Masonry: Granite	5%	LIFE	* *	5	\$1,600	
Masonry: Limestone	10%	LIFE	**	5	\$3,200	
	Location : Throughout	tent : Moderate, Area Aff	ected : 40%			
Wood Overhead Doors	15%	2039	* *	5	\$32,000	
Windows						
Aluminum	100%	2042	* *	5	\$3,100	
Parapets						
Cast Stone/Terra Cotta	10%	LIFE	* *	5	\$3,100	
Masonry: Brick	75%	LIFE	**	5	\$3,000	
	Efflorescence, Extent : N Location : South Facad	Noderate, Area Affected : le Roof Side	5%			
Metal Rail	15%	2039	* *	5-10	\$11,000	
Roof						
Roll Roofing	100% 2-4 Blisters, Extent: Light, A Location: Throughout Debris Present, Extent: Location: Lower Roof Ponding, Extent: Light, Location: Lower Roof	Upper Roof Light, Area Affected : 109 Area Affected : 15%	\$62,100 %	5	\$12,600	
		nt : Moderate, Area Affec ughout	ted : 100%			
Interior						
Floors Cast in Place Concrete	50%	LIFE	* *	5	\$35,800	
Ceramic Tile	2% Now	\$1,300 2035	* *	5 5	\$33,800	
Ceramic The	Broken/Missing Element Location : Laundry Ro	s, Extent : Moderate, Are om And Bathroom nt : Light, Area Affected :		3	\$500	
Granite Panels	2%	LIFE	* *	5	\$500	
Granic Fancis		nt : Light, Area Affected : ircase	100%	3	\$500	
Terrazzo	4%	LIFE	* *	5	\$1,000	
Wood	33% Now	\$35,600 2054	* *	5	\$10,100	
11 OOU	Deteriorated Finish, Ext	ent : Moderate, Area Affe l Floors At Doorways, Th	cted : 20%	5	φ10,100	
Wood	9%	2054	**	5	\$5,500	
w oou	ブ 70	2034		<u> </u>	\$3,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13076

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	1%			2039	* *	5	\$400	
Concrete Masonry Unit	40%			LIFE	* *	5	\$7,000	
Glass: Single Pane	2%			LIFE	* *	5	\$700	
Gypsum Board	22%			LIFE	* *	5	\$5,800	
	_	_	Extent : Light, Ard er Leading To Roo		ed : 1%			
Masonry: Brick	18%	Now	\$15,400	LIFE	* *			
	Location	a : South Ba	ent : Light, Area A sement Wall					
	Efflorescence, Extent : Moderate, Area Affected : 15% Location : South Basement Wall.							
				usa Affas	401.20/			
			l, Extent : Light, A er Bunk Room.	rea Ajjec	nea : 2%			
36 (15)			T Bunk Room.		* *			
Metal Panel	1%			LIFE	* *	-	0700	
Plaster	5%			LIFE	* *	5	\$700	
Wood	11%			LIFE	* *	5	\$19,300	
Ceilings	400/			LIDE	* *	-	Φ2.000	
Exposed Concrete	40%		#24.400	LIFE	* *	5	\$2,000	
Exposed Struc: Steel		Now	\$34,400	LIFE				
			xtent : Light, Area		: 2%			
	Location : South Side Below Apparatus Floor Other Observation, Extent : Moderate, Area Affected : 2%							
					ected: 2%			
			le Below Apparatu	s Floor				
		tion : Rusti	ng Steel					
Metal Panel	15%			LIFE	* *	5	\$6,100	
Plaster	20%			LIFE	* *	5	\$4,100	

Current Repair	Future Rep	lacement	M	aintenance	
% of Fail Date Estimated Cos Total (Years)	t Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2046	* *	5	\$100	
Other Observation, Extent : Light, Ar	ea Affected : 100	%			
Location: Basement					
Explanation: 400 Amperes					
100%	2046	* *	5	\$600	
1%	2039	* *	1		
99%	2046	* *	1		
100%	2042	* *	5	\$600	
100%	2046	* *	1		
	% of Fail Date Estimated Cos Total (Years) 100% Other Observation, Extent: Light, Are Location: Basement Explanation: 400 Amperes 100% 1% 99% 100%	% of Fail Date Estimated Cost Total (Years) 100% 2046 Other Observation, Extent: Light, Area Affected: 100 Location: Basement Explanation: 400 Amperes 100% 2046 1% 2039 99% 2046	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost FY 100% 2046 ** Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 400 Amperes ** 100% 2046 ** 1% 2039 ** 99% 2046 ** 100% 2042 **	% of Total Fail Date (Years) Estimated Cost (Yrs) Cycle (Yrs) 100% 2046 ** 5 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 400 Amperes ** 5 100% 2046 ** 5 1% 2039 ** 1 99% 2046 ** 1 100% 2042 ** 5	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% 2046 ** 5 \$100 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 400 Amperes ** 5 \$600 100% 2039 ** 1 \$99% ** 1 100% 2046 ** 1 \$600

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13076

Electrical	Current Repair	Future F	Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2039	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100% 0-2 \$1,90 Other Observation, Extent: Light, A Location: Basement		**	5	\$300	
	Explanation: Ground Clamp Seven	rely Corroded !	At Water Pine N	Joods No	w Ground Clamp	
Stand-by Power	Explanation . Ground Clamp Sevel	rety Corroaea F	i water I tpe, I	veeus ive	w Отоина Сиатр.	
Transfer Switches						
Manual	100%	2046	* *	5	\$100	
Generators	10070	2010			Ψ100	
Diesel	100%	2035	* *	1	\$8,500	
2.6.61	Other Observation, Extent: Light, A Location: Outside (Backyard) Explanation: 64 Kw Portable Type	rea Affected : 1	700%	·	ψ0,500	
Batteries	J.	·				
Lead/Acid	100%	2020	\$1,500	5	\$800	
Fuel Storage					·	
Main Tank	100%	2054	* *	5	\$600	
Lighting						
Interior Lighting						
Fluorescent	90%	2031	* *	10	\$18,100	
	T-8 Lamps And Fixtures, Extent : Lig Location : Throughout The Buildin		ted : 100%			
Fluorescent	8%	2031	* *	10	\$1,600	
	Compact Fluorescent Light, Extent : Location : Second And Third Floor		fected : 100%		. ,	
HID	2%	2026	\$400	10		
Egress Lighting Exit, LED	100%	2054	* *	1		
	Other Observation, Extent: Light, A Location: Throughout	rea Affected : 1	100%			
	Explanation: Mostly L. E. D					
Exterior Lighting	000/	2026	074 200	10	#100	
HID	90%	2026	\$74,300	10	\$100	
Incandescent	10%	2021	\$7,000	2		

Mechanical	Current Rep	oair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source						
Natural Gas	100%	2046	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13076

Mechanical		Current Repair			Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace		Now	\$500	2026	\$24,100	1	\$4,900	
			loderate, Area Affe		1%			
G: P "I			eens Missing Or D		* *		#10.000	
Steam Boiler	50%			2039	* *	1	\$10,800	
Distribution	1000/			2046	* *	4	¢1 100	
Central Plant Steam Piping/Pmp	100%			2046		4	\$1,100	
Terminal Devices								
Convector/Radiator	80%			2039	* *	1	\$5,700	
Fan Coil Unit/Heat	20%			2034	* *	1	\$1,400	
Air Conditioning	2070			2034		1	\$1,400	
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment	10070							
Ext Pkg Unit -	95%	Now	\$4,900	2031	* *	2	\$1,000	
Heating/Cooling	,,,,	1,0,,	ψ.,,,,,	_001		_	\$1,000	
	Damaged,	Extent : M	loderate, Area Affe	cted : 50)%			
	_		eens Missing Or D					
	R-22 Refr	igerant, Ex	tent : Light, Area A	ffected :	100%			
	Location	: 6 Units	On Roof					
Window/Wall Unit	5%			2024	\$2,100	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$28,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,200	
Exhaust Fans								
Roof	80%			2031	* *	2	\$500	
Wall Unit	20%			2031	* *	2	\$100	
Plumbing								
H/C Water Piping	1000/			2046	* *			
Brass/Copper	100%			2046	* *	1		
Water Heater	500/	0.2	Φ.C. 2 00	2026	4.6.200	2	#100	
Gas Fired	50%		\$6,200 : Moderate, Area A	2026	\$6,200	2	\$100	
	Leak Evia Location		: Moderale, Area F	Ајјестеа .	100%			
			Extent : Light Area	Affaataa	1.1000/			
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement						
			u 5 Gallon Units					
Con Final			Guion Onns	2010	¢6.200	2	\$200	
Gas Fired	50%			2019	\$6,200	2	\$200	
Sanitary Piping	1000/			LIDD	* *	1		
Cast Iron	100%			LIFE	-1- A	1		
Storm Drain Piping	1000/			LIDD	* *	1		
Cast Iron	100%			LIFE		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13076

Mechanical	Current Repair		Future Replacement		M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sump Pump(s)							
Non-Submersible	100%	2	2031	* *	4	\$700	
	Other Observation, E.	xtent : Light, Area Af	fected	: 100%			
	Location : Basemen	t					
	Explanation : 1 - Di	plex Unit, 1 Single U	Init				
Backflow Preventer							
Generic	100%	2	2031	* *	1	\$1,300	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%	2	2046	* *	1-2	\$6,100	
Chemical System	_				•		-
Generic	100%	2	2024	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1317

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Address : 1226 SENECA AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.094 / 13077 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,526 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2762 Lot : 54 BIN : 2006440

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$143,600	\$85,800
Electrical	\$38,500	
Mechanical	\$51,600	\$38,400
Total	\$233,700	\$124,200
Importance Code A	\$195,200	\$85,800
Importance Code B	\$38,500	\$38,400
Total	\$233,700	\$124,200

Total	\$173,500	\$1,600	\$28,900	\$13,600
Importance Code C	\$29,200			
Importance Code B	\$83,300	\$800	\$3,600	\$9,900
Importance Code A	\$60,900	\$800	\$25,300	\$3,700
Total	\$173,500	\$1,600	\$28,900	\$13,600
Mechanical	\$23,800	\$1,400	\$4,200	\$1,400
Electrical	\$32,300	\$300	\$300	\$8,700
Interior Architecture	\$58,800			\$600
Exterior Architecture	\$58,600		\$24,400	\$2,900
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Asset #: 13077

rchitecture	Current Repair		Future Replacement		Maintenance				
stem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior									
Exterior Walls									
Cast Stone/Terra Cotta	10% 2-4	\$11,600	LIFE	* *	5	\$11,200			
	Cracking/Crumbling, Ex Location: Throughout		, Area A <u>j</u>	fected : 5%					
Masonry: Brick	80% Now	\$34,500	LIFE	* *	5	\$11,500			
	Cracking/Crumbling, Extent : Severe, Area Affected : 10% Location : Rear Facade, Throughout								
		_	fected · 1	%					
	Vertical Cracks, Extent : Light, Area Affected : 1% Location : Front And Rear Facade								
	Water Penetration, Extent : Severe, Area Affected : 10%								
	Location : Side Facad		33						
Masonry: Granite	5%		LIFE	* *	5	\$500			
Wood Overhead Doors	5%		2021	\$22,600	5	\$3,600			
Windows									
Aluminum	100% Now	\$47,600	2048	* *	5	\$1,100			
	Air Infiltration, Extent: Location: Throughout		Affected	l : 50%					
	Ctrwt/Balnc Not Funct, Location: Throughout		ite, Area	Affected : 50%					
	Glazing Broken/Cracked Location: 2nd Floor (l, Extent : Sevei		Affected : 5%					
Parapets									
Cast Stone/Terra Cotta	10% Now	\$2,500	LIFE	* *	5	\$2,500			
	Caulking Deteriorated, Location: Throughout		ite, Area	Affected : 5%					
Masonry: Brick	90% Now	\$50,800	LIFE	* *	5	\$2,900			
•	Jnt Mortar Miss/Erod, I Location: Throughout		te, Area A	Affected : 10%					
	Spalling, Extent : Mode Location : Throughout	rate, Area Affec	ted : 30%	Ó					
	Worn/Eroded, Extent : S	Severe, Area Aff	ected : 40	0%					
D C	Location: Throughout	•							
Roof Asphalt Shingle	5%		2036	* *	10	\$100			
Aspnan Sningle Built-Up (BUR)	5% 85%		2036	\$45,200	10	\$9,900			
Built-Op (BOK)	Worn/Eroded, Extent: l Location: Main Roof		Affected .	: 100%	10	φ2,200			
Dall Daafina		Smy, Deyona (5	¢1 000			
Roll Roofing	5% 5%		2022	\$2,400		\$1,000			
Skylight, Metal/Glass	5%		2023	\$85,800	10	\$1,900			

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Asset #: 13077

Architecture	Current Repair		Future Replacement		M			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior								
Floors								
Cast in Place Concrete	45% Now Water Penetration, E. Location: Basemen		LIFE a Affectea	* * l : 10%	5	\$12,700		
Ceramic Tile	Location : 3rd Floo	5% Now \$3,700 2032 ** 5 \$3 Broken/Missing Elements, Extent : Severe, Area Affected : 20% Location : 3rd Floor Bathroom Poor Subfloor Evident, Extent : Moderate, Area Affected : 100%						
	Location: Throughout 3rd Floor Bathroom							
Quarry Tile	5%		2028	\$18,400	5	\$1,000		
Vinyl Tile	40% Now	\$13,100	2031	**	3	\$1,900		
	Broken/Missing Elem Location: Through Split/Cracked, Extent Location: Through Other Observation, E Location: 2nd And Explanation: 9 X 9	out : Moderate, Area out xtent : Light, Area 3rd Floor	Affected :	30%				
Wood	5%		2038	* *	5	\$1,200		
Interior Walls								
Cast in Place Concrete	5%		LIFE	* *				
Ceramic Tile	5% Now	\$2,400	2036	* *	5	\$400		
	Broken/Missing Elem Location: 2nd And Loose Units, Extent: Location: 3rd Floo	3rd Floor Bathrod Severe, Area Affed	oms					
Masonry: Brick	45% 4+ Spalling, Extent : Mod Location : Basemen		LIFE ted:5%	* *				
Plaster	40% Now Loose/Delam Surface Location: Basemen Paint Peeling, Extent Location: Throught Water Penetration, E. Location: Basemen	t : Moderate, Area out xtent : Severe, Are	Affected :	25%	5	\$2,100		
Wood	5%	-	LIFE	* *	5	\$3,500		
w oou	370		LIFE	4: 4*	J	\$5,500		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Asset #: 13077

Architecture		Current F	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings	100/			• • • •	410.100	_	4. 600		
AcousTileConcealSpLn				2028	\$10,400	5	\$1,600		
Exposed Struc: Steel	65%	3.7	Φ.C. 5 00	LIFE	* *	_	01 600		
Plaster	20%	Now	\$6,700	LIFE		5	\$1,600		
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%								
	Location: Stair To 2nd Floor, 3rd Floor Bulkhead And Scuttle								
	Water Penetration, Extent : Severe, Area Affected : 10% Location : 3rd Floor Locker Room								
				A CC .	1 50/				
			xtent : Severe, Are	a Affecte	ed: 5%				
		: Basemen		E . 0/	`D '11'				
	-	ion : Steel	Beam Exposed At						
Wood	5%			LIFE	* *	5	\$5,600		
Site Enclosure									
Fence/Gates	0.00/			• • • • •	* *				
Chain link	92%	/D .: E		2033					
		_	xtent : Light, Area	Affected	: 35%				
	-	: Side Fac	ade						
Iron Picket	8%			2043	* *				
Site Pavements									
On-Site Walkways									
Cast in Place Concrete	100%			2036	* *				
Parking/Driveway									
Cast in Place Concrete	100%			2036	* *				

lectrical		Current Re	pair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts	•							
Service Equipment								
Molded Case Bkrs	100%	2-4	\$1,500	2053	* *	5	\$100	
	Enclosure	Corroded, E.	xtent : Light, Are	ea Affecte	ed : 100%			
			Electrical Section					
	Other Obse	ervation. Ext	ent : Light, Area	Affected	! : 100%			
			Electrical Section					
	Fyplanati	on · Unable	To Open Enclos	ure To O	Ohtain Size			
Raceway	Espiciteit	on . Chaote	10 Open Encies		ordin Size			
Conduit	80%			2033	* *	1		
Conduit	20%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2022	\$38,500	5	\$200	
Wiring					·			
Braided Cloth	40%	0-2	\$11,100	2048	* *	1		
	Insulation 1	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%			
		: Basement	•	55				
Rubber	30%			2022	\$8,300	1		
Thermoplastic	30%			2033	**	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Asset #: 13077

Electrical	Current Repair	Future Repla	cement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts	•					
Motor Controllers						
Locally Mounted	100% Other Observation, Extent: Moderate Location: Basement Boiler Room. Explanation: Controls For Heating		\$14,400 00%	5	\$100	
Ground		-				
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
tand-by Power	10070	LIFE			\$100	
Transfer Switches						
Automatic	100%	2036	* *	1	\$2,600	
Tutonavie	Other Observation, Extent : Light, Ard Location : Basement	ea Affected : 100%			Ψ2,000	
• 17.	Explanation: 200 Amp, 3 Pole, Con	nection For Porta	ble Genera	tor		
ighting						
Interior Lighting Fluorescent	30%	2028	\$6,900	10	\$2,300	
Fluorescent	T-12 Lamps And Fixtures, Extent : Lig Location : Basement And 1st Floor			10	\$2,300	
Fluorescent	10%	2019	\$2,300	10	\$800	
1100000000	T-8 Lamps And Fixtures, Extent : Light Location : Throughout		-	10	4000	
Fluorescent	30%	2028	\$6,900	10	\$2,300	
	T-8 Lamps And Fixtures, Extent : Light Location : 2nd And 3rd Floor	ht, Area Affected :	100%			
Incandescent	30%	2019	\$16,400	2	\$100	
	Other Observation, Extent: Light, Ard Location: 3rd Floor, Stairs And 2nd Explanation: Downlights					
Egress Lighting						
Emergency, Service	100%	2023	\$4,200	1		
	Other Observation, Extent : Light, Ard Location : Throughout					
	Explanation: Emergency Lighting F	From Portable Eme	ergency Ge	nerator		
Exterior Lighting	500/	2022	016105	10		
HID	50% Other Observation, Extent : Light, Ard Location : Facade	2023 ea Affected : 100%	\$16,100	10		
	Explanation: Wall Mounted, Contro		ck			
Incandescent	50% Other Observation, Extent : Light, Ard Location : Side Yard	2023 ea Affected : 100%	\$13,600	2		
	Explanation: Wall Mounted, Control	olled Via Switch				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Asset #: 13077

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2021	\$51,600	1	\$8,400	
Distribution						
Central Plant Steam	100%	2033	* *	4	\$400	
Piping/Pmp						
Terminal Devices					44	
Convector/Radiator	90%	2028	\$38,400	1	\$2,500	
Unit Heater - Steam	10%	2019	\$2,900	4	\$100	
Air Conditioning						
Energy Source	100%	2039	* *	1		
Electricity	100%	2039		1		
Conversion Equipment Window/Wall Unit	80%	2019	¢12 200	1		
No Component	20%	2019	\$13,300	1		
Ventilation	2078					
Exhaust Fans						
Wall Unit	100%	2023	\$2,800	2	\$300	
Plumbing	10070	2023	Ψ2,000		Ψ500	
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater						
Gas Fired	100%	2019	\$4,900	2	\$100	
	Other Observation, Extent : Ligh	t, Area Affected : 10				
	Location: Basement					
	Explanation: 2 - 75 Gallon Un	its				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2019	\$1,200	4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	2031	**	1		
	Other Observation, Extent: Ligh	t, Area Affected : 10	0%			
	Location: Basement	7				
F'4	Explanation : Serves Boiler On	ly				
Fixtures	100%					
Generic Fire Suppression	10070					
Chemical System						
Wet	100%	2021	\$2,100	1-3	\$4,200	
*** 51	Other Observation, Extent: Ligh			1 3	Ψ-1,200	
	Location: Kitchen	,				
	Explanation : 2 - Systems Serve	Different Cooking	Areas			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 94/LADDER CO. 48 / BATTALION 3

Asset #: 13077

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 95 / LADDER CO. 36

Address : 29 VERMILYEA AVENUE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.095 / 13078 Yr Built/Renovated : 1913 / 2003

Area Sq Ft : 9,076 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 2224 Lot : 15 BIN : 1064801

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$86,900	\$48,000
Interior Architecture	\$128,200	
Mechanical		\$97,000
Total	\$215,000	\$144,900
Importance Code A	\$86,900	\$48,000
Importance Code B	\$128,200	\$97,000
Total	\$215,000	\$144.900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$54,600		\$2,700	
Interior Architecture	\$52,600	\$300		\$1,300
Electrical	\$100		\$100	
Mechanical	\$3,600	\$2,000	\$9,600	\$2,000
Total	\$110,900	\$2,200	\$12,300	\$3,300
Importance Code A	\$55,500	\$900	\$3,500	\$900
Importance Code B	\$36,700	\$1,300	\$8,800	\$1,900
Importance Code C	\$18,700			\$400
Total	\$110,900	\$2,200	\$12,300	\$3,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13078

rchitecture	Current	Repair	Futur	e Replacement	M	laintenance	
stem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls							
Cast Stone/Terra Cotta	3% Now	\$14,400	LIFE	**	5	\$8,000	
	Cracking/Crumbling Location: North F		e, Area A	ffected: 10%			
	Int Mortar Miss/Ero		to Area	Affactad : 50%			
	Location: North F		е, лгеи г	ijjeciea . 5070			
Masonry: Brick	85% 4+	\$86,900	LIFE	* *	5	\$28,800	
Masoniy. Direk	Diagonal Cracks, Ex			: 10%	3	\$20,000	
	-	ower And Right Side					
	Graffiti, Extent : Mo	_		=			
	Location: West Fo	ıcades					
	Spalling, Extent : Me		ted : 5%				
	Location: Through	hout					
Masonry: Limestone	7% Now	\$25,900	LIFE	* *	5	\$1,800	
	Cracking/Crumbling		rea Affec	cted : 25%			
	Location: North Facade Near Roof						
	Jnt Mortar Miss/Ero		te, Area 1	Affected : 25%			
	Location : North F	acade					
Metal Sect. OHD	5%		2036	* *	5	\$5,300	
Windows	050/		2020	* *	5	£2.500	
Aluminum Aluminum	95% 5% Now	\$3,300	2039 2048	* *	5 5	\$2,500 \$100	
Alummum	Broken/Missing Eler			Affected · 100%	3	\$100	
	Location : 2nd Flo		, e, 11, ea	Typected : 10070			
Parapets							
Cast Stone/Terra Cotta	15%		LIFE	* *	5	\$2,600	
Masonry: Brick	75% 2-4	\$4,900	LIFE	* *	5	\$1,700	
	Cracking/Crumbling		, Area A	ffected : 10%			
	Location: Through						
	Jnt Mortar Miss/Ero		te, Area 1	Affected : 50%			
	Location: Through		4 - 1 - 250	/			
	Spalling, Extent : Mo Location : Hose To		tea : 25%	o			
Magangu Limagtana	10%	жет Викнеци	LIEE	* *		\$200	
Masonry: Limestone Roof	1070		LIFE		5	\$300	
Modified Bitumen	100% 0-2	\$4,800	2028	\$48,000			
Wodified Bitamen	Alligatoring, Extent						
	Location : Main Re	•	-				
	Gut/DS Non Func/M	-	ate, Area	Affected : 10%			
	Location : Hose To	ower/Bulkhead					
	Other Observation,		Area Affe	ected : 10%			
	Location: Over 2n						
	Explanation: Woo	d Deck Over Roof					

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13078

rchitecture	Current l	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Floors							
Cast in Place Concrete	50% Now	\$28,400	LIFE	* *	5	\$12,000	
	Cracking/Crumbling,		rea Affe	cted : 20%			
	Location : Apparat						
	Other Observation, E		Affected	! : 50%			
	Location : Apparat						
	Explanation : Engin	neer To Evaluate					
Ceramic Tile	5%		2032	**	5	\$500	
Vinyl Tile	45%		2019	\$41,800	3	\$2,500	
	Worn/Eroded, Extent		Affected	: 20%			
	Location : 2nd And	3rd Floor					
Interior Walls	50 /		2022	* *	-	0000	
Ceramic Tile	5%		2032	* *	5	\$800	
Concrete Masonry Unit	3%	#100	LIFE	* *	5	\$200	
Gypsum Board	2% 4+	\$100	LIFE		5	\$200	
	Punct/Tear/Impact D Location : Southeas	-	vere, Are	ea Affectea : 1%			
Masonry: Brick	50% Now	\$16,000	LIFE	* *			
	Broken/Missing Elen	ents, Extent : Seve	re, Area	Affected : 25%			
	Location : Basemer	nt					
	Cracking/Crumbling,	Extent: Severe, A	rea Affe	cted : 20%			
	Location: Basemer	nt					
	Jnt Mortar Miss/Eroc	d, Extent : Severe, A	Area Affe	ected : 25%			
	Location: Basemer	nt					
Plaster	40% Now	\$2,600	LIFE	* *	5	\$2,000	
	Cracking/Crumbling,	Extent: Severe, A	rea Affe	cted : 10%			
	Location : Dormito	ry On 2nd Floor A	nd Stair	To Cellar			
Ceilings							
AcousTileSusp.Lay-In	5%		2040	* *	5	\$500	
Exposed Concrete	25% Now	\$86,400	LIFE	* *	5	\$400	
	Cracking/Crumbling,	Extent: Severe, A	rea Affe	eted : 40%			
	Location : Cellar T	hroughout					
Plaster	70% Now	\$4,900	LIFE	* *	5	\$4,700	
	Cracking/Crumbling,	Extent: Moderate	, Area Ą	ffected : 10%			
	Location: 2nd And	3rd Floors					
	Water Penetration, E	xtent : Moderate, A	Area Affe	cted : 1%			
	Location : 3rd Floo	r Southeast					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13078

Electrical	Current Repair Future Replacement		Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
	Recent Replace Evident, Extent : Light,	Area Affec	ted : 100%			
	Location: Basement					
	Other Observation, Extent : Light, Area	a Affected :	100%			
	Location : Basement					
	Explanation : Locked. Unable To Rea	d Size.				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2049	* *	5	\$200	
	Recent Replace Evident, Extent: Light,	Area Affec	eted : 50%			
	Location : Cellar					
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$200	
Wiring						
Thermoplastic	100%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$14,400	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting	0.70/		444	4.0	A = 000	
Fluorescent	95%	2023	\$23,400	10	\$7,900	
	T-8 Lamps And Fixtures, Extent: Light Location: Throughout	, Area Affe	cted : 100%			
Incandescent	5%	2023	\$2,900	2		
	Other Observation, Extent : Light, Area Location : 1st Floor Watch Booth And Explanation : Downlights					
Egress Lighting	Explanation . Downlights					
Emergency, Service	50%	2023	\$2,200	1		
Exit, Service	50%	2023	\$2,200	1		
	JU / 0	2023	\$300	1		
Exterior Lighting HID	100%	2023	\$34,200	10		
шь	Other Observation, Extent : Light, Area			10		
	Location : Facade	п пурестей.	100/0			
	Explanation: Wall Mounted, Control	led Via Tin	ne Clock			
	<u> Барининон</u> . нин тоинией, Соштон	ica via III	n cioen			

Mechanical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13078

Mechanical	Current Repair	r Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating						
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$9,000	
Distribution						
Central Plant Steam	100%	2033	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2028	\$45,400	1	\$2,900	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Exterior Pkg Unit -	75%	2028	\$51,500	2	\$400	
Cooling						
_	R-22 Refrigerant, Extent:	Light, Area Affected :	100%			
	Location : Roof					
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: Roof	0 00				
	Explanation : 2 Split Unit	ts, 1 Package Unit				
Window/Wall Unit	10%	2019	\$1,800	1		
No Component	15%	2017	Ψ1,000			
Distribution	1370					
Ductwork/Diffusers	75%	LIFE	* *	2	\$8,900	
No Component	25%	LIIL		2	\$0,700	
Terminal Devices	2370					
Air Handler/Dir	35%	2028	\$28,200	1		
Expansion	3370	2026	\$26,200	1		
No Component	65%					
Heat Rejection	0370					
Dry Cooler	50%	2028	\$19,600	2	\$3,200	
Dry Coolei	Other Observation, Extent			2	\$3,200	
	Location : Roof	. Ligiii, Агей Ајјесіей	. 100/0			
	Explanation : Split Units	Sama 2nd Floor				
N. C.		Serve 2na Filoti				
No Component	50%					
Ventilation						
Distribution	1000/	1 11515	* *	2.5	Ø5 100	
Ductwork/Diffusers	100%	LIFE	T T	2-5	\$5,100	
Exhaust Fans	750/	2020	¢10.600	2	#200	
Roof	75%	2028	\$10,600	2	\$200	
Wall Unit	25% Now	\$100 2023	\$800	2	\$100	
	Other Observation, Extent	: моderate, Area Affe	ctea : 50%			
	Location: 1st Floor					
1.	Explanation : Noisy Oper	ration				
Plumbing						
H/C Water Piping	1000/	2022	* *			
Brass/Copper	100%	2033	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13078

echanical	Current Repair Futur		e Replacement	Maintenance					
stem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
mbing									
Water Heater					****				
Gas Fired	100%	2021	\$5,200	2	\$100				
	Other Observation, Extent : Lig	ht, Area Affected	: 100%						
	Location: Basement	•,							
C 't D' '	Explanation: 1 - 75 Gallon U	nit							
Sanitary Piping Cast Iron	25%	LIFE	* *	1					
Cast Hon	Other Observation, Extent : Lig.		. 100%	1					
	Location: Basement	u, mea mjecica	. 10070						
	Explanation : Aged Piping								
Cast Iron	75%	LIFE	* *	1					
Storm Drain Piping	1370	<u> </u>		1					
Cast Iron	100%	LIFE	* *	1					
Sump Pump(s)	10070								
Non-Submersible	50% Now	\$300 2028	\$600	4	\$100				
	Leak Evident, Extent : Moderate, Area Affected : 50%								
	Location: Cellar 1 Unit								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement								
	Explanation: Units At 3 Local	tions							
Submersible	50%	2019	\$100	4	\$100				
Backflow Preventer									
No Component	95%								
Generic	5%	2028	\$100	1					
	Other Observation, Extent: Lig	ht, Area Affected	: 100%						
	Location: Basement								
	Explanation : Serves Boiler								
Fixtures	1000/								
Generic	100%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 96 /LADDER CO. 54

Address : 1689 STORY AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 7,035 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3660 Lot : 1 BIN : 2022629

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$214,200	
Mechanical	\$50,700	
Total	\$264,900	
Importance Code A	\$264,900	
Total	\$264,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,200		\$4,100	\$8,200
Interior Architecture	\$13,300		\$500	\$600
Electrical	\$7,500	\$500	\$400	\$500
Mechanical	\$16,000	\$600	\$32,500	\$600
Site Enclosure	\$12,600		\$10,200	
Site Pavements	\$5,000			
Total	\$75,600	\$1,100	\$47,700	\$9,800
Importance Code A	\$21,600	\$300	\$4,400	\$8,500
Importance Code B	\$31,200	\$700	\$32,700	\$1,300
Importance Code C	\$22,800		\$10,600	
Total	\$75,600	\$1,100	\$47,700	\$9,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13079

chitecture	Current Repair	Future Replaceme	nt N	laintenance	
ystem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated C FY	Cost Cycle (Yrs)	Estimated Cost	Priority
erior					
Exterior Walls	0.50/ 3.7			442.000	
Masonry: Brick	85% Now \$83,6 Corrosion/Rusting, Extent: Severe, Location: 2nd Floor Relieving And Diagonal Cracks, Extent: Severe, A Location: Right Side At Front And Jnt Mortar Miss/Erod, Extent: Mod Location: 2nd Floor at Window B	, Area Affected : 2% ngles And Lintels At Side F Area Affected : 5% nd Side Facade Near Rear derate, Area Affected : 15%		\$13,900	
	Water Penetration, Extent: Modera Location: 2nd Floor Window Lev		Facade		
Stucco Cement	5% 2-4 \$4,7 Cracking/Crumbling, Extent: Mode Misaligned/Bulging, Extent: Mode Location: Along Base	700 2036 Jerate, Area Affected : 10%	** 5	\$1,000	
Wood Overhead Doors	10%	2021 \$51,	600 5	\$8,200	
Windows				+ - ,	
Aluminum	100% Now \$38,8 Air Infiltration, Extent: Moderate, Location: Throughout Deteriorated Finish, Extent: Mode Location: Throughout Unit Inoperable, Extent: Moderate Location: Throughout	Area Affected : 60% erate, Area Affected : 55%	** 5	\$900	
Parapets					
Cast Stone/Terra Cotta	10% Now \$1,1 Open Joints, Extent : Moderate, Ar Location : Throughout		** 5	\$700	
Masonry: Brick	90% 0-2 \$4,7 Jnt Mortar Miss/Erod, Extent: Light Location: Throughout Caulking Deteriorated, Extent: Mother Location: Coping	ht, Area Affected : 15%	** 5	\$800	
Roof	<u> </u>				
Asphalt Shingle	5% 2-4 \$1,9 Worn/Eroded, Extent : Moderate, A		* *		
1 8	Location: Rear				
Built-Up (BUR)			200 10	\$8,800	

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13079

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior				•				
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$13,900	
Ceramic Tile	3%			2032	* *	5	\$300	
Quarry Tile	2%			2036	* *	5	\$300	
Terrazzo	5%	4.	ФО 100	LIFE	* *	5	\$400	
Vinyl Tile	30%	4+ dod Entant	\$8,100	2031		3	\$1,200	
		iea, Extent : 2nd Floc	: Moderate, Area I or	Ајјестеа	: 40%			
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2026	\$20,000	5	\$700	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Plaster		Now	\$5,200	LIFE	* *	5	\$2,000	
	_	Crumbling, : 2nd Floo	Extent : Moderate or	, Area A	ffected : 10%			
		etration, E : 2nd Floo	xtent : Moderate, A or	Area Affe	ected : 10%			
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	_	iscoloring, : Through	Extent : Light, Are	2028 ea Affect	\$25,600 ed: 2%	5	\$3,200	
Exposed Concrete	50%	. Inrough	Oui	LIFE	* *	5	\$800	
Plaster	20%			LIFE	* *	5	\$1,300	
Site Enclosure								
Fence/Gates								
Chain link		Now	\$12,600	2053	* *			
		Rusting, E : Through	xtent : Severe, Are out	a Affecte	d : 90%			
Wood	40%			2021	\$10,200			
	Other Observation, Extent: Light, Area Affected: 100%							
	Location : Rear Yard, Partial Side Driveway							
	Explanat	ion : Wood	d Fence Mounted C	n Chain	Link			
Free Standing Walls	1000/			20.42	* *			
Concrete Masonry Unit	100%			2043	* *			
Site Pavements On-Site Walkways	1000/			• • • • •	4.4			
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway Asphalt	Location	: Side Dri	\$5,000 Extent : Moderate veway oderate, Area Affec		•			
	Location	: Side Dri	veway					
Cast in Place Concrete	55%			2036	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13079

Electrical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority				
Under 600 Volts	•							
Service Equipment								
Fused Disc Sw	100%	2049 **	5					
	Recent Installation, Extent: Light, Are							
	Location: Basement Electrical Section							
	Other Observation, Extent: Moderate,							
	Location: Basement Electrical Section							
Dagayyay	Explanation: 400 Amperes Fused De	isconnect Switch.						
Raceway Conduit	40%	2033 **	1					
Conduit	60%	2049 **	1					
Conduit	Recent Installation, Extent: Light, Are		1					
	Location: Basement And 1st Floor	33						
Panelboards								
Molded Case Bkrs	100%	2045 **	5 \$200					
Wiring								
Thermoplastic	100%	2043 **	1					
	Recent Installation, Extent: Light, Are							
	Location: Wiring Throughout Buildi	ing						
Motor Controllers								
Locally Mounted	100%	2036 **	5					
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Basement Boiler Room.							
21	Explanation : Heating System Contro	ols.						
Ground Grounding Devices								
Generic	100%	LIFE **	5 \$100					
Lighting	10070	LII L	3 \$100					
Interior Lighting								
Fluorescent	100% 0-2 \$3,800	2033 **						
	T-8 Lamps And Fixtures, Extent: Light, Area Affected: 100%							
	Location: Throughout The Building							
Egress Lighting								
Exit, Service	100%	2023 \$800	1					
Exterior Lighting	1000/	2022	10					
HID	100%	2023 \$26,500	10					
	Other Observation, Extent : Light, Area Affected : 100% Location : Facade, Side Yard And Roof							
	Explanation: Wall Mounted And Flo	•	na Claak					
Alarm	<u> Ехрининон</u> . wan моишеа Ana Fic	oodiighis, Comrolled vid 11m	THE CHUCK					
Fire/Smoke Detection								
Generic	100% Now \$3,600	2033 **	1-3 \$3,900					
	Other Observation, Extent : Light, Are		- 42,700					
	Location : Throughout							
	Explanation: Broken And Missing St	moke Detectors						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 96 /LADDER CO. 54

Asset #: 13079

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source Fuel Oil	Location : B	ation, Extent : Light, Area Basement : 2,500 Gallon Tank In Vo		* * : 100%	5	\$2,200	
Conversion Equipment Hot Water Boiler	100%	, , , , , , , , , , , , , , , , , , , ,	2021	\$50,700	1	\$3,500	
Distribution Hot Wtr Piping/Pump	100%		2031	* *	4	\$500	
Terminal Devices Convector/Radiator Unit Heater - Steam	90% 10%		2021 2019	\$31,700 \$2,400	1 4	\$2,000 \$100	
Air Conditioning Energy Source Electricity	100%		2039	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	20%		2023	\$10,700	2	\$100	
Window/Wall Unit No Component	Location : R	ation, Extent : Light, Area Roof : 2 - Split Units / 1 Old U			1		
Heat Rejection Dry Cooler	Location : R	ation, Extent : Light, Area Boof : 2 Split Units R - 22	2023 Affected	\$5,700 : 100%	2	\$1,000	
No Component	80%						
Ventilation Exhaust Fans Roof	100%		2028	\$10,900	2	\$200	
Plumbing H/C Water Piping Brass/Copper	100%		2033	* *	1		
Water Heater Gas Fired	Location : B	ation, Extent : Light, Area asement : 1-75 Gallon Unit	2019 Affected	\$4,000 : 100%	2	\$100	
HW Heat Exchanger Steam Fired	100%		2023	\$10,500	4	\$1,000	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 ENGINE CO. 96 /LADDER CO. 54

Asset #: 13079

lechanical	Current Repair	Future Re	placement	M	aintenance	
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Sump Pump(s)						
Non-Submersible	100%	2023	\$1,000	4	\$200	
Backflow Preventer						
No Component	95%					
Generic	5%	2023	\$100	1		
	Other Observation, Extent : I	ight, Area Affected : 10	0%			
	Location: Basement					
	Explanation : Serves Boiler	Only				
Fixtures		_				•
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1335

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : ENGINE CO. 97

Address : 1454 ASTOR AVENUE @ FENTON AVE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 5,006 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Apr-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4389 Lot : 23 BIN : 2050740

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$58,500	
Interior Architecture	\$44,000	
Total	\$102,500	
Importance Code A	\$58,500	
Importance Code B	\$44,000	
Total	\$102,500	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,200			
Interior Architecture	\$69,700			\$1,400
Electrical	\$12,700			\$100
Mechanical	\$2,100	\$800	\$800	\$13,900
Total	\$92,600	\$800	\$800	\$15,400
Importance Code A	\$9,700	\$500	\$500	\$500
Importance Code B	\$63,600	\$300	\$300	\$14,900
Importance Code C	\$19,300			
Total	\$92,600	\$800	\$800	\$15,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 97

Asset #: 13080

Current F	Repair	Futur	Replacement	M	aintenance	
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
=	_	LIFE rea Affec	* * ted : 10%	5	\$15,700	
	Jul 2010	LIEE	* *	5	\$700	
10% 2-4 Punct/Tear/Impact De	_	2044	* *	5	\$4,600	
-	_	2049 Area Affe	* * ected : 100%	5	\$1,900	
	_	LIFE Affected	**	5	\$1,900	
10%		LIFE	* *	5	\$300	
	_	2029 Affected	**			
-	_	LIFE Area Affe	* * ected : 100%	5	\$5,700	
2% Recent Replace Evide	ent, Extent : Light,	2039 Area Affa	* * ected : 100%	5	\$200	
		2039 rea Affec	* * ted : 100%	5	\$100	
5%		2037	* *	5	\$600	
Location : Second F	loor Office 9x9 Ti	les		3	\$1,900	
	85% Recent Repair Eviden Location: Throught 5% 10% 2-4 Punct/Tear/Impact De Location: Throught 100% Recent Replace Evide Location: Throught 10% 90% Now Water Penetration, E. Location: Throught 10% 100% Now Water Penetration, E. Location: Throught 2% Recent Replace Evide Location: Throught 2% Recent Replace Evide Location: Throught 2% Recent Replace Evide Location: Throught 5% 60% Now Adhesion Failure, Ext. Location: Second F	Recent Repair Evident, Extent: Light, A Location: Throughout 2010 5% 10% 2-4 \$58,500 Punct/Tear/Impact Damage, Extent: Se Location: Throughout 100% Recent Replace Evident, Extent: Light, Location: Throughout 90% Now \$5,400 Water Penetration, Extent: Light, Area Location: Throughout 10% 10% Now \$1,900 Water Penetration, Extent: Light, Area Location: Throughout 30% Recent Replace Evident, Extent: Light, Area Location: Throughout 2% Recent Replace Evident, Extent: Light, Location: Throughout 30% Cracking/Crumbling, Extent: Severe, A Location: Throughout 5% 60% Now \$13,200 Adhesion Failure, Extent: Moderate, An Location: Second Floor Office 9x9 Tice	85% LIFE Recent Repair Evident, Extent: Light, Area Affectation: Throughout 100% 2-4 \$58,500 2044 Punct/Tear/Impact Damage, Extent: Severe, Area Location: Throughout 100% 2049 Recent Replace Evident, Extent: Light, Area Affected Location: Throughout 90% Now \$5,400 LIFE Water Penetration, Extent: Light, Area Affected Location: Throughout 10% Stage S	Soft Fail Date Estimated Cost Year Estimated Cost FY	Sof Fail Date Estimated Cost FY Estimated Cost Cycle Total (Years) Cycle FY Cycle Cyrs	Not Fail Date Estimated Cost FY Estimated Cost (Yrs) Estimated Cost (Years) Estimated Cost FY Estimated Cost (Yrs) Estim

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ENGINE CO. 97

Asset #: 13080

Architecture	Current Repair		Current Repair Future Replacemen		Current Repair Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Ceramic Tile	2%			2039	* *	5	\$200		
		place Evide i : Through	ent, Extent : Light, out	Area Aff	ected : 100%				
Ceramic Tile	_		\$3,900 Extent : Severe, A out	2027 rea Affec	\$9,800 cted : 50%	5	\$200		
Gypsum Board	5%			LIFE	* *	5	\$400		
Plaster	40%	Now	\$15,200	LIFE	* *	5	\$1,400		
	Location Water Per	n : 2nd Floo netration, E	nents, Extent : Seve or Along North And Extent : Severe, Are or Along North And	l East Fa a Affecte	cade d : 35%				
Plaster	15%			LIFE	* *	5	\$500		
SGFT/Glazed Masonry	35%			LIFE	* *				
Ceilings									
AcousTileSusp.Lay-In	Water Per	Now netration, E n : Through	\$1,400 Extent : Light, Area out	2029 Affected	* *	5	\$200		
AcousTileSusp.Lay-In	10%			2037	* *	5	\$900		
Exposed Concrete		Now	\$19,400	LIFE	* *	5	\$500		
	Location Spalling, I	: Basemer	derate, Area Affec						
Plaster	50%	Now	\$11,300	LIFE	* *	5	\$2,700		
	Broken/M		nents, Extent : Seve		Affected : 5%		¥ ,,		
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2041	* *				
On-Site Walkways									
Cast in Place Concrete	100%			2041	* *				
Parking/Driveway Cast in Place Concrete	100%			2041	* *				

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2034 ** 5

 $Other\ Observation,\ Extent:\ Moderate,\ Area\ Affected:\ 100\%$

Location: Basement Explanation: 200 Amperes

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 97

Asset #: 13080

lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	* *	5	\$100	
Raceway								
Conduit	70%			2024	\$21,900	1		
Conduit		Now	\$9,400	2054	* *	1		
	Not in Ser	vice, Exten	t : Severe, Area Afj	ected : 3	30%			
			or Switch Box Seve Hall Lights Out O	-	roded - Locker, We	ight, Sitt	ing Room Lights	
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	\$100	
Wiring								
Thermoplastic	100%			2034	* *	1		
round								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
	Location	ervation, E : Basemer tion : Wate		Area Affe	ected : 100%			
igh ting								
Interior Lighting								
Fluorescent	90%			2024	\$12,200	10	\$4,100	
	-	s And Fixtu : Through	res, Extent : Mode. out	rate, Are	a Affected : 50%			
	T-12 Lam	os And Fixt	ures, Extent : Mod	erate, Ar	ea Affected : 50%			
	Location	: Through	out					
Incandescent	10%			2019	\$3,200	2		
Egress Lighting Exit, LED	100%			2064	* *	1		
Exterior Lighting	100/0			2004		1		
HID	100%			2024	\$18,900	10		

Mechanical	Current Re	pair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Steam Boiler	100% Now	\$1,500	2037	* *	1	\$4,500	
	Corroded, Extent: Mod	lerate, Area Affe	cted : 5%				
	Location : One Boiler	•					
Distribution							
Central Plant Steam	100%		2034	* *	4	\$200	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2037	* *	1	\$1,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 ENGINE CO. 97

Asset #: 13080

Mechanical	Current Rep	Current Repair Future Replacement Maintenan		aintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2022	\$9,800	1		
Ventilation						
Exhaust Fans						
Interior	100%	2029	* *	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	70%	2044	* *	1		
Galvanized Steel	30%	2029	* *	1		
Water Heater						
Gas Fired	100%	2022	\$2,900	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$200	4	\$200	
Backflow Preventer						
Generic	100%	2032	* *	1	\$300	
Fixtures						
Generic	100%					
	Obsolete Fixtures, Exten	t : Severe, Area Affected	d: 100%			
	Location : Total House	?				
Fire Suppression						
Chemical System						
Dry	10%	2022	\$200	1-3	\$400	
	Other Observation, Exte	nt : Light, Area Affectea	! : 100%			
	Location: Kitchen					
	Explanation: Ansul-10)2				
No Component	80%					
Generic	10%	2022	\$200	1-3	\$400	
	Other Observation, Exte			-	, ,	
	Location : Throughout					
	Explanation : Fire Ext					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FDNY FIRE MUSEUM

Address : 278 SPRING ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 21,457 Project Type : FIRE DEPARTMENT

Date of Survey : 26-May-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 579 Lot : 11 BIN : 1009739

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$43,200	
Electrical	\$384,100	\$35,500
Mechanical		\$36,400
Total	\$427,300	\$71,900
Importance Code A	\$43,200	
Importance Code B	\$384,100	\$71,900
Total	\$427,300	\$71,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$52,700		\$4,700	\$1,200
Interior Architecture	\$73,100		\$1,200	\$4,000
Electrical	\$1,100	\$2,000	\$5,800	\$2,400
Mechanical	\$16,200	\$4,400	\$43,000	\$3,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$147,100	\$10,400	\$58,600	\$15,400
Importance Code A	\$67,600	\$1,800	\$6,600	\$3,000
Importance Code A Importance Code B	\$67,600 \$68,100	\$1,800 \$8,500	\$6,600 \$52,100	\$3,000 \$12,400
•				



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14345

Architecture	Current Repair Future Replacement			e Replacement	M					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
xterior										
Exterior Walls										
Masonry: Brick	50%			LIFE	* *	5	\$25,100			
Masonry: Limestone		Now	\$19,900	LIFE	* *	5	\$5,600			
	_	iscoloring, : Cornice	Extent: Light, Ar	ea Affect	ed : 25%					
Masonry: Limestone	15%			LIFE	* *	5	\$5,600			
Metal Panel	5%			2036	* *	5-10	\$17,200			
Granite Panels	5%			LIFE	* *	5	\$1,900			
Stucco Cement	10%	Now	\$15,800	2031	* *	5	\$6,300			
	_	Cracking/Crumbling, Extent: Moderate, Area Affected: 20%								
	Location : Stair And Mechanical Room Roof Bulkheads									
	Worn/Eroded, Extent : Moderate, Area Affected : 50% Location : Stair And Mechanical Room Bulkheads									
	Location	: Stair And	d Mechanical Roor	n Bulkhe	ads					
Windows	000/			20.42	* *	~	#2.500			
Aluminum	90%	N T	¢0.500	2042	* *	5	\$2,500			
Wood		Now	\$8,500	2051		5	\$1,400			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25% Location : Roof Bulkheads								
	Thermally Inefficient, Extent: Moderate, Area Affected: 100%									
	-	: Roof Bul		, 111 cu 11	gjeeieu . 10070					
		-	d, Extent : Modera	ite Area	Affected · 100%					
	_	: Roof Bul		110, 111 00	11,700104 . 10070					
Parapets										
Masonry: Brick	60%	Now	\$5,700	LIFE	* *	5	\$1,800			
,	Staining/D	iscoloring,	Extent : Moderate	e, Area A	ffected : 75%		. ,			
	Location	Location: Throughout								
Masonry: Limestone	40%			LIFE	* *	5	\$1,500			
j		led, Extent	: Light, Area Affed		%		, ,			
	Location	: Stone Co	ppings Located On	South Si	de Of Roof					
Roof										
Built-Up (BUR)	95%	Now	\$43,200	2031	* *					
	Air/Water	Blisters, E.	xtent : Light, Area	Affected	: 15%					
	Location	: Various	Areas							
	Drains Clogged, Extent: Moderate, Area Affected: 25%									
	Location: By Front Facade									
			: Moderate, Area	Affected	: 100%					
		: Main Ro								
Skylight, Metal/Glass		Now	\$2,800	2046	* *					
	Other Observation, Extent: Light, Area Affected: 15%									
	Location : Memorial Room, 1st Floor									
	Explanat	ion : E-coc	ating Is Delaminati	ing On Se	ome Of The Glass	Panels				

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14345

Architecture	Current Repair		Future Replacement		M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Carpet	_	Now	\$44,700	2025	\$111,800	3	\$12,000	
		ded, Extent : 2nd Floo	t : Moderate, Area . or	Affected	: 30%			
Cast in Place Concrete	43%			LIFE	* *	5	\$30,200	
		racking/Crumbling, Extent : Light, Area Affected : 20% Location : Various Locations						
Quarry Tile	2%			2039	* *	5	\$1,000	
Sheet Vinyl/Rubber	5%			2031	* *	5	\$2,400	
Wood	25%			2054	* *	5	\$15,100	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$2,600	
Gypsum Board	40%			LIFE	* *	5	\$6,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	25%		\$11,400	LIFE	* *	5	\$1,900	
	Cracking/Crumbling, Extent: Light, Area Affected: 20%							
			lkhead At Roof Lev					
	_	_	, Extent : Moderate lkhead At Roof Lev		ffected : 20%			
Ceilings								
Exposed Concrete		Now issing Elen	\$9,000 nents, Extent : Ligh	LIFE t, Area A	* * Affected : 5%	5	\$2,000	
	Location	: Through	out Basement					
Gypsum Board	55%			LIFE	* *	5	\$22,100	
Plaster	5%			LIFE	* *	5	\$1,000	
	Cracking/Crumbling, Extent: Light, Area Affected: 20%							
	Location : Penthouse Ceilings Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
	_	_	, Extent : Moaerate d Equipment Room					
Site Enclosure								
Fence/Gates								
Not Accessible	100%							
Site Pavements								
Parking/Driveway	1000/							
Not Accessible	100%							

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2026 \$22,700	5 \$100	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: Basement			
	Explanation: 1200 Amp.			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14345

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Years	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Switchgear / Switchboard							
Fused Disc Sw	100%		2026	\$35,500	5	\$100	
		, Extent : Light, Area	Affected	: 100%			
	Location : Basen						
-	Explanation: 12	00 Amp.					
Raceway	1000/		2026	£24.200	1		
Conduit	100%		2026	\$34,200	1		
Panelboards Molded Case Bkrs	100%		2034	* *	5	\$600	
Wiring	10070		2034			\$000	
Braided Cloth	90%		2025	\$27,200	1		
Thermoplastic	10%		2036	Ψ27,200 * *	1		
Ground	1070		2030		•		
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
Lighting							
Interior Lighting							
Fluorescent	15%		2026	\$11,400	10	\$3,000	
	•	xtures, Extent : Light, ghout The Building	Area Aff	ected : 100%			
HID	60%		2021		10	\$400	
Incandescent	25%		2021	\$70,900	2	\$100	
Egress Lighting							
Emergency, Battery	50%		2031	* *	10	\$2,600	
Exit, Service	10%		2026	\$600	1		
Exit, Battery	40%		2031	* *	10	\$600	
Exterior Lighting						*	
HID	100%		2031	* *	10	\$100	
Alarm							
Security System	1000/		2021	¢70.000	1	\$0,000	
Generic	100%	Entant Light Ange	2021	\$70,800	1	\$8,000	
	Location : Throu	, Extent : Light, Area	Ајјестеа	: 100%			
		=					
Fire/Smoke Detection	Explanation : Fix	rea Cameras.					
Generic, Analog	100% 2-4	\$242,400	2036	* *	1-3	\$12,000	
Generic, Analog		, Extent : Light, Area			1-3	ψ12,000	
		ghout The Building	. 19900104	. 100/0			
		a I Dunnants					

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14345

Mechanical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	1%		2046	* *	1		
Natural Gas	99%		2046	* *	1		
Conversion Equipment	10/		• • • • •	ماد ماد		4100	
Furnace	1%		2031	* *	1	\$100	
	Other Observation, E	_	Affected	: 100%			
	Location : Home De						
	Explanation : Electr	nc Unit Heaters					
Furnace	29%		2031	**	1	\$3,100	
	Other Observation, E.	xtent : Light, Area	Affected	: 100%			
	Location: Roof			•			
	Explanation: Roof						
Steam Boiler	50% Now	\$14,200	2031	* *	1	\$9,600	
	Malfunctioning, Exter		ffected :	20%			
	Location : Basemen			1000/			
	Other Observation, E.		Affected	: 100%			
	Location : Basemen						
	Explanation : 6 Uni	ts Piped In Series					
Steam Boiler	20%		2039	* *	1	\$4,300	
Distribution							
Ductwork/Diffusers	30%		LIFE	* *	2-5	\$3,600	
Central Plant Steam	70%		2046	* *	4	\$700	
Piping/Pmp							
Terminal Devices	1000/		2020	* *	1	Φ. (. 0.0.0	
Convector/Radiator	100%		2039		1	\$6,900	
Air Conditioning							
Energy Source Electricity	100%		2042	* *	1		
Conversion Equipment	10070		2042		1		
Ext Pkg Unit -	70%		2031	* *	2	\$900	
Heating/Cooling	7070		2031		2	\$300	
ricating/Coomig	Other Observation, E	xtent : Light, Area	Affected	: 100%			
	Location : Roof		33				
	Explanation : R-410)a					
Split Unit	5%		2031	* *			
Window/Wall Unit	25%		2021	\$11,400	1		
Distribution	2370		2021	Ψ11,100	-		
Ductwork/Diffusers	100%		LIFE	* *	2	\$27,900	
Ventilation Ventilation						+- ,> • •	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,000	
Exhaust Fans							
Roof	100%		2026	\$36,400	2	\$700	
Plumbing				,			
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
-							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14345

Mechanical	Current Repair	Future Rep	Future Replacement		aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Electric	100%	2021	\$19,300	4	\$100	
	Other Observation, Extent : Light,	Area Affected: 1009	%			
	Location: 2nd And 3rd Floor					
	Explanation: 2 40 Gallon Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$700	4	\$700	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Light,	Area Affected: 1009	%			
	Location: 1st To 3rd Floor					
	Explanation: 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2052	* *	1-2	\$6,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY ADMINISTRATION BLDG #9

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 40,432 Project Type : FIRE DEPARTMENT

Date of Survey : 31-Oct-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1, Mez

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$4,509,800	\$278,100
Interior Architecture	\$1,128,600	\$739,300
Electrical	\$418,100	\$608,800
Mechanical		\$58,700
Total	\$6,056,500	\$1,684,800
Importance Code A	\$4,509,800	\$278,100
Importance Code B	\$1,323,000	\$667,500
Importance Code C	\$223,700	\$739,300
Total	\$6,056,500	\$1,684,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$174,700		\$15,400	\$5,300
Electrical	\$11,300	\$5,100	\$5,600	\$6,300
Mechanical	\$24,300	\$14,900	\$11,600	\$17,100
Total	\$210,300	\$20,000	\$32,600	\$28,700
Importance Code A	\$1,900	\$1,900	\$1,900	\$1,900
Importance Code B	\$167,600	\$18,100	\$28,900	\$26,900
Importance Code C	\$40,800		\$1,800	
Total	\$210,300	\$20,000	\$32,600	\$28,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 131

rchitecture	Current Repair	Future Replacement	M	Maintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls					
Cast in Place Concrete	30% Now \$501,000	LIFE **	5	\$148,300	
	Caulking Deteriorated, Extent: Modera	. 55			
	Location: At Junction Of Metal Tunna		um Exit		
	Water Penetration, Extent : Severe, Are Location : At Auditorium, Simulation	==			
M-4-1/C1 C+ W-11	· 		-	\$55.000	1
Metal/Glass Curt Wall	30% Now \$1,409,800 Broken/Missing Elements, Extent: Seve	LILE	5	\$55,600	1
	Location: Throughout North Facade	re, mea nyjeciea . 7570			
	Corrosion/Rusting, Extent: Severe, Are	a Affected : 60%			
	Location: Throughout North Facade	35			
	Caulking Deteriorated, Extent : Severe,	Area Affected : 75%			
	Location: Norht Facade At Wall Pend	etrations And Base Of Build	ling		
	Water Penetration, Extent : Severe, Are	a Affected : 75%			
	Location : North Facade Wall				
Metal Panel	40% Now \$142,000	2038 **	5	\$74,100	
	Corrosion/Rusting, Extent: Moderate, A	Area Affected : 10%			
	Location : Along Wall Base				
	Caulking Deteriorated, Extent: Modera	ate, Area Affected : 50%			
	Location: Along Wall Base	A ACC 4 1 500/			
	Water Penetration, Extent: Moderate, A Location: At Corridor Adjacent To W	55			
	Other Observation, Extent: Light, Area				
	Location: South Facade At Entry Doc		lino 11		
	Explanation: Corrugated Metal Pane				
Windows	1				
Aluminum	100% Now \$701,800	2053 **	5	\$8,400	1
	Air Infiltration, Extent : Moderate, Area				
	Location: North Facade - Plexiglass				
	Broken/Missing Elements, Extent: Seve	re, Area Affected : 40%			
	Location: Throughout	4.00/			
	Ctrwt/Balnc Not Funct, Extent: Severe,	Area Affected: 40%			
	Location: Throughout	ata Anaa Affaatad , 500/			
	Caulking Deteriorated, Extent: Modera Location: All Windows	ие, Агеа Ајјестеа : 50%			
	Water Penetration, Extent: Severe, Are	a Affected : 40%			
	Location: Underside Of Sills At Curta	==			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FIRE ACADEMY ADMINISTRATION BLDG #9

Asset #: 131

Architecture	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior										
Roof										
Metal Panel		Now	\$1,755,300	2048	* *					
	Deformed/Dented, Extent : Moderate, Area Affected : 25%									
	Location: Throughout Roof Surface									
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%									
	Location: South Side Above Exit Tunnels And Landscaped Berms									
	Seams Open/Split, Extent : Moderate, Area Affected : 40%									
	Location: Throughout Roof Surface									
	Water Penetration, Extent : Moderate, Area Affected : 50%									
	Location	: Above Ma	in Corridor - Noi	th Side						
Skylight, Metal/Glass	3%			2048	* *	10	\$16,100			
nterior										
Floors										
Carpet	15%	0-2	\$108,200	2030	* *	3	\$12,700			
	Worn/Eroded, Extent : Moderate, Area Affected : 20%									
	Location	: Auditoriur	n							
Cast in Place Concrete	13%	Now	\$22,900	LIFE	* *	5	\$16,100			
	Cracking/C	Crumbling, H	Extent : Severe, A	rea Affe	cted : 15%					
	Location	: Slab Settle	ments At Entrand	es To Sa	outh And The North	ı West Co	orner			
Ceramic Tile	2%			2031	* *	5	\$1,100			
Vinyl Tile	50%			2033	* *	3	\$10,600			
Vinyl Tile		Now	\$72,100	2038	* *	3	\$3,200			
,	Worn/Eroded, Extent : Moderate, Area Affected : 50%									
	Location	: Mezzanine	, Kitchen, Staff L	ounge, S	Simulator Room					
Wood	5%			2056	* *	5	\$5,300			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 131

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls	50/ N	Φ.(Ω, ΩΩΩ	LIDE	* *			
Cast in Place Concrete	5% Now	\$68,900	LIFE				
	Location: Entran	g, Extent : Severe, A	ней Ајјес	iea . 50%			
		evere, Area Affected	: 10%				
	Location : Simula						
Ceramic Tile	5% 0-2	\$30,100	2031	* *	5	\$1,800	
		g, Extent : Moderate	e, Area Aj	fected : 10%		, ,	
	Location : Stair T	o Mezzanine					
		tent : Moderate, Are	ea Affecte	d : 15%			
	Location : Stair T						
		nt : Moderate, Area		: 25%			
	-	Rooms And Bathroo		4. 4.		0.1.1.000	
Concrete Masonry Unit	48% 2-4	\$154,800	LIFE	**	5	\$14,000	
		Extent : Moderate, A fors - 1st Floor And .		rea : 20%			
		od, Extent : Modera		Affected · 20%			
		ou, Estett : Mouera Of Walls - 1st Floor (
Fabric on Framing	10%	y	2026	\$739,300	5	\$3,600	
Glass: Single Pane	2%		LIFE	**	5	\$2,200	
Gypsum Board	20% Now	\$6,000	LIFE	* *	5	\$8,700	
	Cracking/Crumblin	g, Extent : Light, Ar	ea Affecte	ed : 10%			
	Location : Simula	tor Room					
Masonry: Brick	5%		LIFE	* *	10	\$1,100	
Metal Panel	5% 2-4	\$2,500	LIFE	* *			
	_	Extent : Light, Area	Affected	: 10%			
Ceilings	Location: Throug	gnout					
AcousTileConcealSpLn	5% 2-4	\$2,300	2033	* *	5	\$1,800	
ricous rine conecurs p.z.ii		ng, Extent : Moderat		ffected : 30%	J	Ψ1,000	
	Location : Male 1	_		•			
AcousTileSusp.Lay-In	24%		2041	* *	5	\$13,600	
Exposed Struc: Steel	70% Now	\$832,900	LIFE	* *			
		Extent : Light, Area					
	Location : Above	Main Corridor - No	rth Side, .	Stair F			
Plaster	1%		LIFE	* *	5-10	\$1,000	
		Extent : Light, Area	ı Affected	: 100%			
	Location : Chief						
C:4- D	Explanation : Stu	cco Ceiling					
Site Pavements On-Site Walkways							
Cast in Place Concrete	30%		2041	* *			
Pavers/Stone	70%		2037	* *			
Parking/Driveway							
Asphalt	100%		2037	* *			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 131

lectrical	Current Repair	Future Replacen	nent	M	laintenance	
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Air Circuit Breaker	30%	2054	* *	5	\$100	
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location: Electrical Room 2	D 10 2000 1				
	Explanation: Emergency Main Service				* 100	
Fused Disc Sw	50%		8,500	5	\$100	
	Other Observation, Extent : Moderate, Location : Electrical Room 1	Area Affected : 100%	Ó			
	Explanation : Main Service Switch Ra	utad @ 1000 Ammana				
F 1 D' C				-		
Fused Disc Sw	20% Other Observation, Extent: Moderate,		7,400	5		
	Location : Electrical Room 1	Area Ajjeciea . 1007	o .			
	Explanation: Main Service Disconnec	ct Switch Rated @ 12	200 Am	neres. Se	erving Ruilding #7.	
Transformers	2. promonent in anni service 2 iscenine	27 27 7 27 27 27 27 27 27 27 27 27 27 27	.0011	peres, se	2 2	
Dry Type	100%	2026 \$1:	5,800	5	\$100	
	Other Observation, Extent : Moderate,	Area Affected : 100%	ó			
	Location : Electrical Room 1					
	Explanation: 112.5kva, 220 Volts Pri	mary: 480/277 Volts	Secono	dary		
Switchgear / Switchboard						
Fused Disc Sw	70%		2,500	5	\$100	
	Other Observation, Extent: Moderate,	Area Affected : 100%	Ó			
	Location: Electrical Room 1	Distribution Down				
14 11 1 G DI	Explanation: 4- Vertical Sections Of		* *		#200	
Molded Case Bkrs	30%	2054		5	\$300	
	Other Observation, Extent : Moderate, Location : Electrical Room 2	Area Affectea : 100%	0			
	Explanation: 1- Vertical Section					
Raceway	Explanation: 1- vertical Section					
Conduit	95%	2028 \$83	2,600	1		
Conduit	5%	2054	* *	1		
Panelboards						
Fused Disc Sw	5%	2027 \$	4,500	5		
Molded Case Bkrs	90%		0,600	5	\$1,000	
Molded Case Bkrs	5%	2050	* *	5	\$100	
Wiring						
Thermoplastic	95%		1,700	1		
Thermoplastic	5%	2054	* *	1		
Motor Controllers				_		
Locally Mounted	5%	2045	**	5	41.00 0	
Motor Control Center	90%		4,900	5	\$1,000	
Variable Frequency	5%	2045	<i>ተ</i> ቸ			
Drive						

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 131

Electrical	Current Repair	Future Replacement	ement Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority	
Ground						
Grounding Devices						
Generic	100%	LIFE **	5	\$1,200		
	Other Observation, Extent : Moderate	e, Area Affected : 100%				
	Location: Water Meter Room	II . D'				
C4 11 D	Explanation: Connected To Metal V	vater Pipe.				
Stand-by Power Transfer Switches						
Automatic	100%	2045 **	1	\$12,400		
Automatic	Other Observation, Extent : Light, Ar		1	\$12,400		
	Location: Electrical Room 2	earyjeetea . 10070				
	Explanation: 3- Ats Switches Rated	@ 1200a. 1600a And 800a				
Generators	r	,				
Diesel	100%	2041 **	1	\$15,700		
	Other Observation, Extent : Light, Ar	ea Affected : 100%				
	Location: Outside The Building					
	Explanation: Emergency Generator	r Rated @ 810kw				
Batteries						
Lead/Acid	100%	2023 \$1,500	5	\$1,500		
Fuel Storage						
Main Tank	100%	2063 **	5	\$1,100		
	Other Observation, Extent : Light, Ar	ea Affected : 100%				
	Location : Outside					
	Explanation: 1382 Gallons Rated C	Capacity				
Lighting						
Interior Lighting	200/	2022 042.000	10	Φ.C. 0.0.0		
Fluorescent	20%	2023 \$43,000 adapata Arag Affacted : 100%	10	\$6,900		
	T-12 Lamps And Fixtures, Extent: Mo Location: 1st Floor Hallways, Elec		9			
DI .			1.0	Ф12.000		
Fluorescent	40%	2033	10	\$13,900		
	T-8 Lamps And Fixtures, Extent: Ligarity Location: 2nd Floor Offices, Confe					
71			1.0	Φ		
Fluorescent	20%	2036 **	10	\$6,900		
	Compact Fluorescent Light, Extent:	Light, Area Affectea : 100%				
	Location : Hallways					
LED	20%	2036 **				
	Other Observation, Extent: Light, Ar	ea Affected : 100%				
	Location : Atrium And Hallways					
E L'ala'	Explanation: LED Light Fixtures					
Egress Lighting Emergency, Service	35%	2023 \$6,500	1			
<u> </u>		2023 \$6,500 2036 **	l 1			
Emergency, Service Exit, LED	40% 5%	2036 **	1 1			
-	5% 20%		1			
Exit, Service	ZU70	2023 \$2,500	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 131

Electrical	Current Repair	Future Replacement	N	laintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority		
Lighting				·			
Exterior Lighting							
Fluorescent	80%	2028 \$103,500	10	\$3,000			
	T-8 Lamps And Fixtures, Extent: Mod	derate, Area Affected : 100%	ó				
	Location : Outside						
HID	10%	2028 \$15,200	10				
	Other Observation, Extent: Moderate						
	Location : Outside	. 55					
	Explanation: 4- HID Light Fixtures	Controlled By A Timer Swit	tch				
LED	10%	2036 **	:				
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Outside						
	Explanation: LED Light Fixtures						
Alarm							
Fire/Smoke Detection							
Generic, Analog	100% Now \$418,100	2038 **	1-3	\$22,700			
, ,	Other Observation, Extent: Severe, A	rea Affected : 100%					
	Location: Throughout The Building						
	Explanation : The Fire Alarm System	n Is Not Functional; Alarm I	Bells, Mai	nual Pull Stations,			
	Smoke Detectors						

Mechanical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2038	* *	5	\$11,700	
Conversion Equipment						
Hot Water Boiler	50%	2045	* *	1	\$9,400	
	Other Observation, Exte	nt : Light, Area Affected	d: 100%			
	Location: Boiler Roon	\imath				
	Explanation: 1 Unit					
Hot Water Boiler	50%	2033	* *	1	\$9,400	
	Other Observation, Exte	nt : Moderate, Area Aff	ected : 50%			
	Location : Boiler Roon	ı				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100% 0-2	\$2,800 2036	* *	4	\$1,900	
1 0 1	Insul. Deteriorating, Ext	ent : Severe, Area Affec	ted : 100%			
	Location: Throughout					
Terminal Devices						
Air Handler	70%	2036	* *	1	\$16,400	
Convector/Radiator	30%	2033	* *	1	\$3,700	
Air Conditioning						
Energy Source						
Electricity	100%	2036	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 131

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Reciprocating Compr/Chiller	100%	2036	**	1	\$17,500	
	Other Observation, Extent: L Location: Courtyard Explanation: Using 4101 R		100%			
Distribution CW & CHW Wtr Pipe/Pump	100%	2054	* *	4	\$1,900	
Terminal Devices Air Handler/Cool/Ht	100%	2036	* *	1	\$23,400	
Heat Rejection Air Cooled Condenser Unit	100%	2036	* *	2	\$26,300	
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$33,400	
Exhaust Fans Roof	100%	2028	\$58,700	2	\$1,200	
Plumbing H/C Water Piping Brass/Copper	100%	2038	* *	1		
Water Heater Electric	100% Other Observation, Extent : L Location : Boiler Room	2027	\$31,100 100%	4	\$300	
Sanitary Piping	Explanation: 1 Unit					
Cast Iron Storm Drain Piping Cast Iron	100%	LIFE LIFE	* *	1		
Sump Pump(s) Submersible	100% Other Observation, Extent: L	2022	\$1,300	4	\$1,300	
	Location : 1st Floor Explanation : 1 Unit					
Fixtures Generic	100%					
Fire Suppression Sprinkler Generic	100%	2038	* *	1-2	\$10,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY BURN BUILDING #5

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.013 / 13554 Yr Built/Renovated : 2003 /

Area Sq Ft : 6,083 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1819 Lot : 40 BIN : 1085912

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,600			
Interior Architecture	\$36,200			
Electrical			\$100	
Mechanical			\$100	
Total	\$55,800		\$100	
Importance Code A	\$19,600			
Importance Code B	\$29,900		\$100	
Importance Code C	\$6,300			
Total	\$55,800		\$100	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Architecture	Curren	nt Repair Future		Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast in Place Concrete	5%		LIFE	* *	5	\$8,100	
	Other Observation, Location : Throug	Extent : Light, Area ghout	Affected	! : 100%			
	Explanation : 2 S Repair Needed.	tory Building, No Bas	sement.	This Is A Fire Den	ıonstratio	on Building. No	
Masonry: Brick	95%		LIFE	* *	5	\$30,800	
Windows							
Aluminum	50%		2044	* *	5	\$200	
Metal Louvers	50%		2037	* *	10	\$1,500	
Parapets	1000/						
Not Accessible	100%						
Roof	1000/		2022	* *	1.0	00.400	
Modified Bitumen	100%		2033	* *	10	\$8,400	
Interior							
Floors	1000/		TIPE	* *	-	#20 000	
Cast in Place Concrete	100%		LIFE	* *	5	\$39,800	
Interior Walls	• • • •			ماد ماد	4.0	** ***	
Cast in Place Concrete	20%		LIFE	* *	10	\$3,900	
Concrete Masonry Unit	80%		LIFE	* *	5	\$4,900	
Ceilings							
Exposed Concrete	100%		LIFE	* *	5-10	\$11,400	

Electrical	Current Repa	air Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2038	* *	1		
Panelboards						
Fused Disc Sw	50%	2036	* *	5	\$100	
Molded Case Bkrs	50%	2036	* *	5	\$100	
Wiring						
Thermoplastic	100%	2038	* *	1		
Motor Controllers						
Locally Mounted	100%	2033	* *	5		
Lighting						
Interior Lighting						
Fluorescent	90%	2028	\$12,100	10	\$5,000	
	Compact Fluorescent Lig Location: Throughout		rea Affected : 100	%		
Fluorescent	10%	2028	\$1,300	10	\$600	
	T-8 Lamps And Fixtures, Location : Electrical Ro		Affected: 100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Electrical	Current Repa	air Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Exterior Lighting

HID 100% 2028 \$22,900 10

Other Observation, Extent: Moderate, Area Affected: 100%

Location: Roof And Perimeter Of The Building

Explanation: 16 Hid Light Fixtures Controlled By Timer Switch

Mechanical	Current Repair	Future Rep	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning							
Energy Source							
Electricity	20%	2044	* *	1			
No Component	80%						
Conversion Equipment							
Split Unit	5%	2033	* *				
No Component	95%						
Ventilation							
Exhaust Fans							
Roof	100%	2033	* *	2	\$200		
Plumbing							
H/C Water Piping							
Galvanized Steel	10%	2041	* *	1			
	Other Observation, Extent: Ligh	nt, Area Affected : 10%	ó				
	Location: 1st And 2nd Floors						
	Explanation: Standpipe Only						
No Component	90%						
Fire Suppression							
Standpipe							
No Component	90%						
Generic	10%	2048	* *	1-5	\$300		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY CLASSROOM BLDG. #11

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.011 / 13552 Yr Built/Renovated : 2003 /

Area Sq Ft : 39,768 Project Type : FIRE DEPARTMENT

Date of Survey : 31-Oct-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3,4

Block : 1819 Lot : 40 BIN : 1085910

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$65,700	\$203,900
Interior Architecture	\$59,600	
Mechanical		\$302,600
Total	\$125,300	\$506,500
Importance Code A	\$65,700	\$203,900
Importance Code B	\$59,600	\$302,600
Total	\$125,300	\$506,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$55,000		\$4,300	
Interior Architecture	\$36,600		\$16,800	\$4,500
Electrical	\$6,000	\$4,900	\$5,700	\$4,900
Mechanical	\$21,300	\$7,400	\$8,600	\$6,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$122,800	\$16,300	\$39,300	\$19,800
Importance Code A	\$56,900	\$2,000	\$6,300	\$2,000
Importance Code B	\$45,300	\$14,300	\$33,000	\$17,800
Importance Code C	\$20,600			
Total	\$122,800	\$16,300	\$39,300	\$19,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13552

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date E (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	500/	0.2	Ф <i>С</i> 7 7 0 0	LIEE	* *	_	#25 100	
Masonry: Brick Cavity	50%	0-2	\$65,700	LIFE		5	\$35,100	
		ce, Extent : 1 : North Face	Light, Area Affe	ciea : 5%				
			ше Extent : Modera	te Area A	Affected : 20%			
		: North Face		ic, 111 cu 1	ijjeeieu . 2070			
Metal Panel	35%			2048	* *	5-10	\$168,800	
Wictai i anci		rvation. Ext	ent : Light, Area		: 100%	3-10	\$100,000	
			_		nd At Mechanical	Penthou	se	
			ated Metal Pane					
Window Wall	15%			2048	* *	5	\$39,500	
Windows							*,-	
Aluminum	95%	Now	\$10,600	2044	* *	5	\$6,300	
	Broken/Mis	sing Elemen	ts, Extent : Seve	re, Area	Affected : 2%			
	Location .	: 2nd Floor	Stair Landing - S	South Fac	rade			
Metal Louvers	5%			2037	* *	10	\$4,200	
Parapets								
Concrete Masonry Unit				LIFE	* *	5-10	\$35,300	
Metal Panel	5%	0-2	\$600	2048	* *	5	\$800	
			nt : Moderate, A	rea Affec	ted : 25%			
		: Coping Ca	p					
Metal Rail	5%			2041	* *	5-10	\$7,100	
Pre-Cast Concrete	8%			LIFE	* *	5	\$7,900	
Roof	1000/	N	¢11 000	2022	* *			
IRMA/Protected Membrane	100%	Now	\$11,800	2033	* *			
Welliorane	Broken Pay	er Blocks F	xtent : Moderat	e Area A	ffected · 20%			
		: Roof Top V		c, 111 ca 11,	geerea : 2070			
			· Moderate, Are	a Affectea	l : 15%			
		: Roof Top		33				
			Extent : Moderat	e, Area A	ffected : 15%			
	Location .	: Various Lo	cations Through	out				
	Paver Block	k Ballast, Ex	tent : Light, Are	a Affecte	d: 30%			
	Location .	Roof Top V	Valkways					
	Water Pene	etration, Exte	ent : Severe, Are	a Affecte	d:5%			
	Location .	: Lower Roo	f - North West C	Corner Of	Building - Above	New Caj	feteria	
nterior								
Floors	70 /			2027	Ф 27 000	2	04.500	
Carpet	5%			2027	\$37,900 * *	3	\$4,500	
Cast in Place Concrete	10%			LIFE	* *	5	\$26,000	
Ceramic Tile	15% 5%			2037 2033	* *	5 5	\$8,900 \$4,500	
Sheet Vinyl/Rubber		rvation Ext	ent : Light, Area			3	\$4,500	
		: 3rd Floor	ли . ыдш, птец	пусски	. 100/0			
		on : Gymnas	sium Floor					
Vinyl Tile	65%			2033	* *	3	\$14,500	
v myr i ne	03/0			2033	-	3	φ14,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13552

Architecture		Current Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior								
Interior Walls								
Concrete Masonry Unit	45%		LIFE	* *	5	\$11,700		
Gypsum Board	35%		LIFE	* *	5-10	\$19,300		
Masonry: Brick	13%		LIFE	* *	10	\$1,300		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location	Location: Throughout						
Explanation: Component Is Actually A Veneer								
Metal Panel	7%		LIFE	* *	10	\$1,000		
Ceilings								
AcousTileSusp.Lay-In	35%		2041	* *	5	\$20,900		
Exposed Struc: Steel	50%		LIFE	* *	10	\$59,600		
Metal Panel	15%	Now \$3,000	LIFE	* *	5	\$11,200		
	Water Pen	etration, Extent : Severe, Are	a Affecte	d : 5%				
	Location	: Drop Soffit At North West	Corner O	f New Cafeteria				
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%		2041	* *				
Parking/Driveway								
Asphalt	100%		2037	* *				

ectrical Current Repair		Future Replacemen	nt	Maintenance				
stem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated C FY	ost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2048	* *	5	\$1,000			
	Other Observation, Extent : Light, A	rea Affected : 100%						
	Location : Electrical Room							
	Explanation : Main Service Discor	nnect Switch Rated @ 1200) Amp	oeres				
Switchgear / Switchboard								
Molded Case Bkrs	100%	2048	* *	5	\$1,000			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: Nameplate Rating: 2	Sections With Main Bus R	Rating	g Of 120	0 Amperes.			
Raceway								
Conduit	100%	2048	* *	1				
Panelboards								
Fused Disc Sw	10%	2044	* *	5	\$100			
Molded Case Bkrs	90%	2044	* *	5	\$900			
Wiring								
Thermoplastic	100%	2048	* *	1				
Motor Controllers								
Variable Frequency	100%	2041	* *					
Drive								

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13552

Total (Years) 100% Other Observation, Ext. Location: Water Mete Explanation: Connec 100% Other Observation, Ext. Location: Electrical I Explanation: Asco 76 85% Other Observation, Ext.	er Room ted To Metal Wa ent : Light, Area Room 00 Series; No An	FY LIFE Affected: ter Pipe 2041 Affected:	· 100%	**	5 1	\$1,200 \$12,200	Priority
Other Observation, Extended Location: Water Meteo Explanation: Connect 100% Other Observation, Extended Location: Electrical Explanation: Asco 70 85% Other Observation, Extended Location: Explanation: Asco 70	er Room ted To Metal Wa ent : Light, Area Room 00 Series; No An	Affected : ster Pipe 2041 Affected : vailable N	· 100%	**	1	\$12,200	
Other Observation, Extended Location: Water Meteo Explanation: Connect 100% Other Observation, Extended Location: Electrical Explanation: Asco 70 85% Other Observation, Extended Location: Explanation: Asco 70	er Room ted To Metal Wa ent : Light, Area Room 00 Series; No An	Affected : ster Pipe 2041 Affected : vailable N	· 100%	**	1	\$12,200	
Other Observation, Extended Location: Water Meteo Explanation: Connect 100% Other Observation, Extended Location: Electrical Explanation: Asco 70 85% Other Observation, Extended Location: Explanation: Asco 70	er Room ted To Metal Wa ent : Light, Area Room 00 Series; No An	Affected : ster Pipe 2041 Affected : vailable N	· 100%	**	1	\$12,200	
100% Other Observation, Exto Location : Electrical I Explanation : Asco 76 85% Other Observation, Exto	ent : Light, Area Room 00 Series; No Au	2041 Affected : vailable N					
Other Observation, Extending Location: Electrical In Explanation: Asco 70 85% Other Observation, Extending Explanation	Room 00 Series; No Au	Affected : vailable N					
Other Observation, Extending Location: Electrical In Explanation: Asco 70 85% Other Observation, Extending Explanation	Room 00 Series; No Au	Affected : vailable N					
Location : Electrical I Explanation : Asco 70 85% Other Observation, Ext	Room 00 Series; No Au	vailable N		mpere	Ratings		
85% Other Observation, Exte			ameplate A	mpere	Ratings		
Other Observation, Ext							
Other Observation, Ext							
Other Observation, Ext		2022		* *	1.0	#21 000	
20000001110000000	_	2033 Affected :	100%	* *	10	\$31,000	
Explanation: T-8 Lan	ips And Controll	led By Occ	cupancy Se	nsors			
15%		2033		* *			
Location : Cafeteria,	Hallways						
Explanation : LED Li	ght Fixtures Are	Controlle	d By Оссир	oancy S	Sensors		
500/		2022		* *	1		
						¢1 000	
						\$1,000	
4070		2030			1		
550/		2022		* *	10	\$100	
	ent : Light, Area		100%		10	\$100	
Explanation : 6 HID I	ight Fixtures An	nd Control	lled By Pho	tocells			
				* *			
	ent : Light, Area		100%				
Explanation: 5 LED I	Light Fixtures Ar	re Control	lled By Pho	tocells			
	ent : Light, Area		100%	* *	1	\$14,900	
	Surveillance Ca	ameras					
100%		2033		* *	1-3	\$24,500	
Location: Throughou	t The Building			_	_		
	Location: Throughou. Explanation: T-8 Lan 15% Other Observation, Exte Location: Cafeteria, if Explanation: LED Lig 50% 10% 40% 55% Other Observation, Exte Location: Outside Explanation: 6 HID L 45% Other Observation, Exte Location: Outside Explanation: 5 LED I 100% Other Observation, Exte Location: Roof Explanation: 2 CCTV 100% Other Observation, Exte Location: Throughou.	Location: Throughout The Building Explanation: T-8 Lamps And Control 15% Other Observation, Extent: Light, Area Location: Cafeteria, Hallways Explanation: LED Light Fixtures Are 50% 10% 40% 55% Other Observation, Extent: Light, Area Location: Outside Explanation: 6 HID Light Fixtures Are 45% Other Observation, Extent: Light, Area Location: Outside Explanation: 5 LED Light Fixtures Are 100% Other Observation, Extent: Light, Area Location: Roof Explanation: 2 CCTV Surveillance Ca 100% Other Observation, Extent: Light, Area Location: Throughout The Building	Location: Throughout The Building Explanation: T-8 Lamps And Controlled By Oct. 15% 2033 Other Observation, Extent: Light, Area Affected: Location: Cafeteria, Hallways Explanation: LED Light Fixtures Are Controlle 50% 2033 10% 2033 40% 2056 55% 2033 Other Observation, Extent: Light, Area Affected: Location: Outside Explanation: 6 HID Light Fixtures And Control 45% 2033 Other Observation, Extent: Light, Area Affected: Location: Outside Explanation: 5 LED Light Fixtures Are Control 100% 2033 Other Observation, Extent: Light, Area Affected: Location: Roof Explanation: 2 CCTV Surveillance Cameras 100% 2033 Other Observation, Extent: Light, Area Affected: Location: Roof Explanation: 2 Throughout The Building	Explanation: T-8 Lamps And Controlled By Occupancy Set 15% 2033 Other Observation, Extent: Light, Area Affected: 100% Location: Cafeteria, Hallways Explanation: LED Light Fixtures Are Controlled By Occup 50% 2033 10% 2033 40% 2033 Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 6 HID Light Fixtures And Controlled By Pho 45% 2033 Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 5 LED Light Fixtures Are Controlled By Pho 100% 2033 Other Observation, Extent: Light, Area Affected: 100% Location: Roof Explanation: 2 CCTV Surveillance Cameras 100% 2033 Other Observation, Extent: Light, Area Affected: 100% Location: Throughout The Building	Location: Throughout The Building Explanation: T-8 Lamps And Controlled By Occupancy Sensors 15% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Cafeteria, Hallways Explanation: LED Light Fixtures Are Controlled By Occupancy Sensors 50% 2033 ** 10% 2033 ** 40% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 6 HID Light Fixtures And Controlled By Photocells 45% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 5 LED Light Fixtures Are Controlled By Photocells 100% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Roof Explanation: 2 CCTV Surveillance Cameras 100% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Roof Explanation: 2 Throughout The Building	Location: Throughout The Building Explanation: T-8 Lamps And Controlled By Occupancy Sensors 15% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Cafeteria, Hallways Explanation: LED Light Fixtures Are Controlled By Occupancy Sensors 50% 2033 ** 10 10% 2033 ** 10 40% 2056 ** 1 55% 2033 ** 10 Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 6 HID Light Fixtures And Controlled By Photocells 45% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 5 LED Light Fixtures And Controlled By Photocells 100% 2033 ** 100% 2033 ** 100% 2033 ** 100% 2033 ** 100% 2033 ** 100% 2033 ** 100% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Roof Explanation: 2 CCTV Surveillance Cameras	Location: Throughout The Building Explanation: T-8 Lamps And Controlled By Occupancy Sensors 15% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Cafeteria, Hallways Explanation: LED Light Fixtures Are Controlled By Occupancy Sensors 50% 2033 ** 1 10% 2033 ** 10 \$1,000 40% 2056 ** 1 55% 2033 ** 10 \$100 Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 6 HID Light Fixtures And Controlled By Photocells 45% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 5 LED Light Fixtures And Controlled By Photocells 45% 2033 ** Other Observation, Extent: Light, Area Affected: 100% Location: Outside Explanation: 5 LED Light Fixtures Are Controlled By Photocells 100% 2033 ** 1 \$14,900 Other Observation, Extent: Light, Area Affected: 100% Location: Roof Explanation: 2 CCTV Surveillance Cameras

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13552

Mechanical	echanical Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2048	* *	5	\$12,300	
Conversion Equipment	1000/			2041	* *		¢10.700	
Hot Water Boiler	100%	amortion Ext	ent : Light, Area	2041		1	\$19,700	
		ervanon, Exi : Boiler Roo	_	Ајјестеи	. 100%			
				Adiacent	Building #12 As W	ell.		
Distribution	Виринии	1011 . 2 0 11115	This serving	Tayticent	Buttating #12115 V			
Hot Wtr Piping/Pump	100%			2044	* *	4	\$2,900	
Terminal Devices								
Air Handler	80%			2033	* *	1	\$19,700	
Convector/Radiator	20%			2041	* *	1	\$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment	0.007			2020	#240.000	2	Φ2 000	
Exterior Pkg Unit -	80%			2028	\$240,900	2	\$2,000	
Cooling	Other Obs	arvation Ext	ent : Light, Area	Affected	1 · 100%			
	Location		eni . Ligni, Area	Ајјестеи	. 100/0			
		ion : 2 Units						
No Component	20%							
Ventilation	2070							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$35,100	
Exhaust Fans							•	
Roof	100%	Now	\$3,100	2028	\$61,700	2	\$1,000	
	-	_	t : Severe, Area A	Affected :	60%			
	Location	: Roof						
Plumbing								
H/C Water Piping	1000/			20.40	* *			
Brass/Copper	100%			2048	~ ~	1		
Water Heater Oil Fired	100%			2028	\$30,900	1	\$1,200	
Oli Filed		nlace Eviden	t Frient : Light			1	\$1,200	
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Boiler Room							
	Cocation: Botter Room Other Observation, Extent: Light, Area Affected: 100%							
		: Boiler Roo	_	33				
			0 Gallon Tanks					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Mechanical	Current Repair	Future Repla	acement	M	aintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing								
Backflow Preventer								
Generic	100%	2033	* *	1	\$2,400			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Water Meter Room							
	Explanation: Two Units. One F	For Sprinkler And One	For Water	Main.				
Fixtures								
Generic	100%							
ertical Transport								
Elevators								
Geared Traction	100%	LIFE	* *					
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 1-4							
	Explanation: One Unit							
ire Suppression								
Sprinkler								
Generic	100%	2048	* *	1-2	\$11,100			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY FIRE TRAINING BLDG #3

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.020 / 1989 Yr Built/Renovated : 1975 /

Area Sq Ft : 4,150 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$61,200			
Interior Architecture	\$44,400			
Electrical	\$15,700			
Mechanical	\$100			
Total	\$121,300			
Importance Code A	\$61,200			
Importance Code B	\$52,100			
	¢0,000			
Importance Code C	\$8,000			



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

Architecture	Current Repair Future Replacer		M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls Masonry: Brick	90% 0-2 \$10,200 Int Mortar Miss/Erod, Extent : Moderal Location : Penthouse	LIFE ** te, Area Affected : 15%	5	\$3,400	
Metal Coiling Doors	10% 4+ \$2,100 Deformed/Dented, Extent: Light, Area Location: Throughout	2037 ** Affected : 10%	5	\$600	
Windows					
Aluminum	100% Now \$19,900 Bent/Warped Elements, Extent: Severe, Location: Throughout Broken/Missing Elements, Extent: Severe, Location: Throughout		5	\$200	1
Parapets					
Cast Stone/Terra Cotta	10% 0-2 \$300 Cracking/Crumbling, Extent : Light, Are Location : Throughout	LIFE ** ea Affected : 10%	5	\$300	
Masonry: Brick	90% 0-2 \$1,100 Int Mortar Miss/Erod, Extent : Light, A Location : Throughout	LIFE ** rea Affected : 15%	5	\$400	
Roof Skylight, Metal/Glass	3% 0-2 \$3,600 Broken/Missing Elements, Extent: Light Location: Throughout Water Penetration, Extent: Light, Area Location: Throughout				
Traffic Topping	97% Now \$24,000 Cracking/Crumbling, Extent: Severe, A Location: Throughout Miss/Damaged Flashings, Extent: Mod	-			
	Location : Main Roof Water Penetration, Extent : Moderate, A Location : Second Floor	Area Affected : 10%			
nterior					
Floors Cast in Place Concrete	100% 2-4 \$6,700 Cracking/Crumbling, Extent : Moderate Location : Throughout	LIFE ** c, Area Affected : 10%	5	\$14,100	
Interior Walls	·				
Concrete Masonry Unit	100% 4+ \$8,000 Staining/Discoloring, Extent: Moderate Location: Stairs Other Observation, Extent: Moderate, Location: Stairs Explanation: Deteriorated Finsh	••	5	\$2,900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

Architecture	Current	Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
Exposed Concrete	100% 2-4	\$29,700	LIFE	* *	5	\$700	
Water Penetration, Extent : Moderate, Area Affected : 10%							

Location: Second Floor

Electrical	Current Repa	air Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Molded Case Bkrs	100%	2023	\$22,400	5	\$100	
Wiring						
Thermoplastic	100%	2024	\$18,500	1		
Lighting						
Exterior Lighting						
HID	100%	2019	\$15,600	10		

Mechanical	Current Repair	Future Repl	acement	М	aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
H/C Water Piping							
Galvanized Steel	10%	2029	* *	1			
	Other Observation, Extent : Light, Area Affected : 10%						
	Location: 2 Floors						
	Explanation: For Demonstration - Standpipe Only						
No Component	90%						
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
	Other Observation, Extent : Light, A	Area Affected : 10%					
	Location: 1, 2, Roof						
	Explanation: Roof Drains Only						
Fire Suppression							
Standpipe							
No Component	90%						
Generic	10%	2034	* *	1-5	\$200		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 9,594 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$207,200	
Electrical		\$45,200
Total	\$207,200	\$45,200
Importance Code A	\$207,200	
Importance Code B		\$45,200
Total	\$207,200	\$45,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,700		\$100	
Interior Architecture	\$33,400		\$1,400	\$500
Electrical	\$8,600	\$300	\$300	\$400
Mechanical	\$5,000	\$1,200	\$1,600	\$900
Site Pavements	\$300			
Total	\$70,000	\$1,500	\$3,400	\$1,800
Importance Code A	\$23,100	\$500	\$600	\$500
Importance Code B	\$42,500	\$1,000	\$2,800	\$1,100
Importance Code C	\$4,400			\$200
Total	\$70,000	\$1,500	\$3,400	\$1,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Exterior Walls								
Masonry: Brick Cavity	83%		\$130,600	LIFE	* *	5	\$17,400	
	Location Location Staining/I	n : East/ So ns And Wes Discoloring	d, Extent : Moderat uth Façade At Wind t Façade At Entry I Extent : Moderate	dows, Ba Door	se Of Building, Ch	imney Fl	ue, Various	
			Pentrations					
			xtent : Severe, Are resholds At South I		d : 10%			
Weathering Steel	7%			LIFE	* *	1		
	Location	ı : North F			: 100%			
			Is An Exterior Egre					
Wood Overhead Doors	Broken/M	Now issing Elem 1 : North Fo	\$13,300 nents, Extent : Mod ncade	2033 erate, Ar	* * ea Affected : 25%	5	\$5,300	
		ted Finish, 1 : North Fo	Extent : Moderate, acade	Area Aff	ected : 50%			
Windows								
Aluminum	Air Infiltr	ı : All Wind	\$4,600 at : Severe, Area Aj lows ts, Extent : Severe,			5	\$200	
	Location	ı : 2nd Floo	or Window Sills					
		_	nents, Extent : Mod or Windows	erate, Ar	ea Affected : 20%			
Aluminum	Location	servation, E 1 : Ground	Extent : Light, Area Floor ective Metal Grilles		* *	5	\$200	
Parapets	- T							
Masonry: Brick Cavity	Jnt Morta		\$4,400 d, Extent : Modera Locations - Exterio			5	\$1,900	
Pre-Cast Concrete	Location	Deteriorate 1 : Coping S	\$400 d, Extent : Modero Stones Extent : Light, Area			5	\$1,300	
		i : Coping S		луестей	. 20/0			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

Architecture	Current Repair		Repair	Futu	re Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof	1000/	N I	¢7.6.700	2020	* *			
Modified Bitumen		Now	\$76,700	2038	4. 4.			
			ere, Area Affected					
			Locations Through		ACC4-1. 150/			
		_	angs, Extent : Mod er Flashing, Lower		rea Affected : 15%			
			er Fiasning, Lower Oderate, Area Affec	·	·/			
				iea : 50%	0			
			nd Lower Roofs	us a Affa	ata d . 250/			
	Seams Open/Split, Extent : Moderate, Area Affected : 25% Location : Various Locations Throughout							
			Locations Through xtent : Moderate, 1		noted : 100/			
	Location : 2nd Floor Bathroom And First Floor Room 1 Worn/Eroded, Extent : Moderate, Area Affected : 50%							
			. Moderale, Area nd Lower Roofs	Ајјестеа	. 50%			
nterior	Locuitor	. Opper A	na Lower Roojs					
Floors								
Cast in Place Concrete	30%	0-2	\$7,600	LIFE	* *	5	\$8,000	
Cast III I face Concrete					ffected : 20%	5	Ψ0,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Thresholds Below Overhead Doors And Apparatus Floor							
Ceramic Tile	5%			2037	* *	5	\$600	
Quarry Tile	5%			2041	* *	5	\$900	
Vinyl Tile	60%			2033	* *	3	\$2,700	
· my · me		place Evide	ent, Extent : Light,		fected : 40%	5	Ψ2,700	
		: First Flo		33				
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$400	
Concrete Masonry Unit	60%			LIFE	* *	5	\$3,900	
Gypsum Board	15%			LIFE	* *	5-10	\$2,100	
SGFT/Glazed Masonry	20%			LIFE	* *	10	\$800	
Ceilings								
AcousTileSusp.Lay-In	60%	2-4	\$11,700	2041	* *	5	\$3,600	
	Broken/M	issing Elem	ents, Extent : Mod	'erate, Ai	rea Affected : 20%			
	Location : Meter Room, Logistics/ Hazmat, Office Area							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Room 1							
			xtent : Moderate, 1 2nd Floor Bathrod		ected : 10%			
Exposed Stone Stant	25%	. 100111 1,	a i iooi Buillio	LIFE	* *	10	\$6,100	
Exposed Struc: Steel	25% 15%				* *	10 5-10	\$6,100	
Gypsum Board	13%			LIFE	. •	3-10	\$0,300	
ite Enclosure Fence/Gates								
Chain link	100%			2048	* *			
ite Pavements	100/0			2040				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

Architecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100% Now	\$300	2041	* *			
	Cracking/Crumblin	ıg, Extent : Light, Ar	ea Affecto	ed : 15%			
	Location: Apron	At Overhead Doors	And Entr	y Pad (South)			
Parking/Driveway							
Asphalt	100%		2037	* *			

Electrical	Current Repair	Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2028	\$2,500	5		
	Other Observation, Extent : Mo	oderate, Area Affec	ted : 100%			
	Location : Electrical Room					
	Explanation : 2- Main Service	e Switches Rated @	400 Amperes Ed	ıch.		
Raceway						
Conduit	100%	2028	\$13,900	1		
Panelboards						
Fused Disc Sw	10%	2027	\$2,200	5		
Molded Case Bkrs	80%	2027	\$17,900	5	\$200	
Molded Case Bkrs	10%	2036	* *	5		
Wiring						
Thermoplastic	100%	2028	\$18,500	1		
Motor Controllers						
Locally Mounted	100%	2026	\$45,200	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
	Other Observation, Extent : Mo		ted : 100%			
	Location : Water Meter Roon	ı				
	Explanation: Connected To 1	Metal Water Pipe				
Stand-by Power						
Transfer Switches						
Automatic	100%	2026	\$21,900	1	\$3,000	
	Other Observation, Extent : Mo	oderate, Area Affec	ted : 100%			
	Location : Electrical Room					
	Explanation : No Available A	mperage Nameplai	te Rating			

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

lectrical	Current Rep	air	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ghting							
Interior Lighting							
Fluorescent	75%		2023	\$15,800	10	\$6,600	
	T-12 Lamps And Fixture		erate, Ar	ea Affected : 100%	ó		
	Location: Throughout	The Building					
Fluorescent	20%		2028	\$4,200	10	\$1,800	
	T-8 Lamps And Fixtures, Location : Hallway An		rate, Are	a Affected : 100%			
Fluorescent	5% Now	\$1,100	2038	* *			
	Other Observation, Exte	nt : Severe, Are	a Affecte	ed : 100%			
	Location : Locker Room	n					
	Explanation: Not Fund	ctional : T12 La	ımps				
Egress Lighting							
Emergency, Service	80%		2023	\$3,800	1		
Exit, Service	20% Now	\$500	2038	* *	1		
	Not Functioning, Extent: Severe, Area Affected: 100%						
	Location: 2nd Floor						
Exterior Lighting							
HID	100%		2036	* *	10		
	Other Observation, Exte	nt : Light, Area	Affected	! : 100%			
	Location: Outside						
	Explanation: 8- HID I	Light Fixtures C	Controlle	d By Photocell			

Mechanical	Current Repair Fu		Replacement	М		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2038	* *	5	\$3,000	
Conversion Equipment						
Hot Water Boiler	100%	2033	* *	1	\$4,700	
	Boiler Used For Hot Water, Extent : I	Light, Area A	Affected : 100%			
	Location: Boiler Room					
	Other Observation, Extent : Light, Ar	ea Affected :	100%			
	Location : Boiler Room	55				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2036	* *	4	\$700	
Terminal Devices						
Air Handler	20%	2028	\$25,200	1	\$1,200	
Convector/Radiator	70%	2033	* *	1	\$2,200	
Unit Heater - Steam	10%	2028	\$3,200	4	\$100	
Air Conditioning						
Energy Source						
Electricity	100%	2036	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

Mechanical		Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	80%			2023	\$15,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,500	
Exhaust Fans								
Roof	20%			2028	\$3,000	2	\$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2038	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%		\$1,000	2033	* *	4	\$400	
			rate, Area Affecte					
		: Sewer Ejed ther Has Flo		Pit Adjac	cent To Building, C	ne Pump	Out Of Service	
Fixtures								
Generic	100%							
Fire Suppression Sprinkler								
No Component	85%							
Generic	15%			2038	* *	1-2	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 10,534 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$120,700
Mechanical		\$149,700
Total		\$270,400
Importance Code A		\$75,900
Importance Code B		\$194,500
Total		\$270,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,200		\$1,600	
Interior Architecture	\$43,200		\$1,500	\$500
Electrical	\$1,100	\$700	\$900	\$2,300
Mechanical	\$4,400	\$1,400	\$1,800	\$1,100
Total	\$88,000	\$2,100	\$5,800	\$4,000
Importance Code A	\$39,700	\$500	\$2,100	\$500
Importance Code B	\$45,200	\$1,600	\$3,700	\$3,400
Importance Code C	\$3,000			
Total	\$88,000	\$2,100	\$5,800	\$4,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Architecture	(Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Massangu Priok Cavity	57%			LIFE	* *	5	\$7,900	
Masonry: Brick Cavity Masonry: Brick Cavity	25%	0-2	\$6,500	LIFE	* *	5 5	\$7,900 \$1,700	
Masonry. Brick Cavity			\$0,300 !, Extent : Moderat			3	\$1,700	
			y And Rear Walls	e, 111eu 1	1)/естей : 15/0			
		-	d, Extent : Modera	ite. Area	Affected : 25%			
	_		sion Joints And W					
		-	Extent : Moderate	-	-			
	_	_		-	And Rear Elevatio	ns		
Metal Sect. OHD	15%			2041	* *	5	\$3,300	
Window Wall	3%			2048	* *	5	\$800	
Windows								
Aluminum	65%		\$2,000	2053	* *	5		1
		_			rea Affected : 15%			
		-	And Rear Windo					
			Extent : Severe, Ar	ea Affeci	ted: 50%			
	Location:	2na Story	,		di di			
Aluminum	35%			2044	* *	5		
Parapets Magazza Priels Cavity	60%			LIFE	* *	5-10	\$11,900	
Masonry: Brick Cavity Masonry: Brick Cavity	25%			LIFE	* *	5-10	\$5,000	
Pre-Cast Concrete	10%			LIFE	* *	5	\$3,700	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,800	
Roof							4-,000	-
Built-Up (BUR)	30%			2028	\$16,200	10	\$3,500	
	Other Obser	vation, E.	xtent : Moderate, 1	Area Affe	ected : 5%			
	Location:							
	Explanatio	n : Wood	Deck					
Modified Bitumen	70%		\$9,600	2033	* *			
			lerate, Area Affect		i			
		-	ve First Floor Off					
			derate, Area Affec		6			
		-	ve First Floor Off					
	_	-	tent : Moderate, A		cted: 20%			
Intonion	Locuiton .	Kooj Abo	ve First Floor Off	ices				
Interior Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$11,000	
Cast in Place Concrete	10%			LIFE	* *	5	\$2,800	
Ceramic Tile	5%			2037	* *	5	\$300	
Quarry Tile	5%			2041	* *	5	\$500	
Vinyl Tile	40%	0-2	\$4,300	2028	\$21,300	3	\$900	
-			Extent : Severe, A		cted : 20%			
	Location:	Various V	Work Rooms Thro	ughout, 2	2nd Story Stairs			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2037	* *	5	\$100	
Concrete Masonry Unit	42%			LIFE	* *	5	\$900	
Gypsum Board	15%			LIFE	* *	5-10	\$700	
SGFT/Glazed Masonry	40%	Now	\$2,100	LIFE	* *			
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 5%			
	Location	: Apparati	is Room					
Ceilings								
AcousTileSusp.Lay-In	40%			2041	* *	5	\$2,500	
Exposed Struc: Steel	40%	0-2	\$26,400	LIFE	* *			
-	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 50%			
	Location	: Through	out Ceiling Of Orig	ginal Bui	lding			
Exposed Struc: Steel	10%			LIFE	* *	10	\$1,300	
Gypsum Board	10%			LIFE	* *	5-10	\$2,200	
Site Pavements								
Parking/Driveway								
Asphalt	100%			2031	* *			

ectrical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2048	* *	5		
	Other Observation, Extent: Location: Electrical Room Explanation: 2- Main Serv			Amperes	Each.	
Switchgear / Switchboard						
Molded Case Bkrs	100%	2028	\$81,000	5	\$300	
Raceway						
Conduit	75%	2028	\$16,600	1		
Conduit	25%	2048	* *	1		
Panelboards						
Fused Disc Sw	10%	2027	\$3,000	5		
Molded Case Bkrs	65%	2027	\$19,400	5	\$200	
Molded Case Bkrs	25%	2044	* *	5	\$100	
Wiring						
Thermoplastic	75%	2028	\$18,200	1		
Thermoplastic	25%	2048	* *	1		
Motor Controllers						
Locally Mounted	100%	2033	* *	5	\$100	

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Electrical	Current Repair	Future Re	eplacement	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ground						
Grounding Devices	1000/	LIEE	* *	_	\$200	
Generic	100% Other Observation, Extent: Moderat	LIFE	1 . 1000/	5	\$300	
	Location : Water Meter Room	е, Агеа Ајјества	1. 100%			
	Explanation: Connected To Metal	Water Pine				
stand-by Power	T					
Transfer Switches						
Automatic	100%	2041	* *	1	\$3,200	
	Other Observation, Extent : Light, A	rea Affected : 10	00%			
	Location : Electrical Room					
<u></u>	Explanation : No Available Ampero	age Nameplate I	Rating			
Generators Diesel	100%	2037	* *	1	\$4,100	
Diesei	Other Observation, Extent : Light, A		00%	1	ψ+,100	
	Location : Outside	cu i gycereu i i e				
	Explanation : Emergency Generato	or Rated @ 425k	va. Supplies E	mergenc	y Power To	
-	Buildings # 6,7,8,10,14					
Batteries	1000/	2022	Ф1 700	-	# 400	
Lead/Acid	100%	2022	\$1,500	5	\$400	
Fuel Storage Main Tank	100%	2056	* *	5	\$300	
Maiii Talik	Other Observation, Extent : Light, A			3	\$300	
	Location: Outside/ Generator Area		.0,0			
	Explanation: Belly Tank; 700 Gal		acity			
Lighting		•				
Interior Lighting						
Fluorescent	4%	2033	* *	10	\$400	
	T-5 Lamps And Fixtures, Extent: Lig	ght, Area Affecte	d: 100%			
_,	Location : Office					
Fluorescent	92%	2033	**	10	\$8,900	
	T-8 Lamps And Fixtures, Extent: Lig Location: Throughout The Buildin		d: 100%			
Fluorescent	2%	2033	* *	10	\$200	
Tuorescent	Compact Fluorescent Light, Extent :		ected : 100%	10	\$200	
	Location : Hallway					
HID	2%	2033	* *	10		
Egress Lighting						
Emergency, Service	40%	2028	\$2,100	1		
Emergency, Battery	20%	2028	\$2,800	10	\$500	
Exit, Service	40%	2028	\$1,100	1		
Exterior Lighting	1000/	2020	*** - * *	4.0		
HID	100%	2028	\$39,700	10		
	Other Observation, Extent: Moderat	e, Area Affectea	1:100%			
	Location : Outside Explanation : 12 HID Light Fixture	os Controllad D.	Dhotocall			
	Explanation: 12 HID Light Fixture	es Controlled By	Photocell			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2038	* *	5	\$3,300	
Conversion Equipment	1000/	• • • •	4 000		4.7.4 00	
Hot Water Boiler	100%	2026	\$75,900	1	\$5,200	
	Boiler Used For Hot Water, Extent: L	ıght, Area	Affected: 100%			
	Location: Boiler Room	A CC . 1	1000/			
	Other Observation, Extent: Light, Are	ra Affected	: 100%			
	Location: Boiler Room					
D' + 7 - 4	Explanation: 1 Unit					
Distribution	1000/	2026	* *	4	¢000	
Hot Wtr Piping/Pump	100%	2036		4	\$800	
Terminal Devices	200/	2026	¢15 000	1	¢1 000	
Convector/Radiator	30%	2026	\$15,800	1	\$1,000	
Fan Coil Unit/Heat	50%	2023	\$73,800 * *	1	\$1,700	
Fan Coil Unit/Heat	20%	2036		1	\$700	
Air Conditioning						
Energy Source	1000/	2026	* *	1		
Electricity	100%	2036		1		
Conversion Equipment	200/	2026	* *	2	¢100	
Exterior Pkg Unit -	20%	2036		2	\$100	
Cooling	Recent Replace Evident, Extent : Light	t Area Aff	acted · 20%			
	Location: Roof	, 111eu 11jje	ecieu . 2070			
	Other Observation, Extent: Moderate,	Area Affe	ected · 30%			
	Location: Roof	, 111 cu 11,5 c	cica . 5070			
	Explanation: Using 410a Refrigeran	1 <i>t</i>				
Calit I Init	10%		\$21,000			
Split Unit Window/Wall Unit	40%	2028		1		
	30%	2023	\$8,200	1		
No Component Terminal Devices	30%					
Fan Coil - 2 Pipe	10%	2028	\$13,100	1	\$300	
No Component	90%	2028	\$13,100	1	\$300	
*	9070					
Ventilation Distribution						
Distribution Ductwork/Diffusers	80%	LIFE	* *	2-5	\$7,400	
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$1,900	
Ductwork/Diffusers	Recent Installation, Extent: Light, Are			2-3	\$1,900	
	Location: Throughout	и Пујестеи	. 2070			
Exhaust Fans	Locuion : Infoughou					
Exnausi Fans Roof	100%	2028	\$16,400	2	\$300	
Plumbing	10070	2020	\$10,400		\$300	
H/C Water Piping						
Brass/Copper	100%	2038	* *	1		
Sanitary Piping	10070	2030		1		
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	THE		1		
Cast Iron	100%	LIFE	* *	1		
Cast Holl	100/0	LIFE	•	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Mechanical	Current Repair	Future Re	eplacement	Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Backflow Preventer							
Generic	100%	2023	\$2,500	1	\$600		
	Other Observation, Extent: Moderate	, Area Affected	l : 100%				
	Location: 1st Floor						
	Explanation: Backflow Preventor O	nly With Sprin	kler System.				
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	75%						
Generic	25%	2038	* *	1-2	\$700		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.014 / 13719 Yr Built/Renovated : 2005 /

Area Sq Ft : 5,753 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Nov-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$29,500		\$2,400	
Interior Architecture	\$35,000		\$500	
Electrical	\$100			
Mechanical	\$17,300	\$600	\$1,100	\$500
Total	\$82,000	\$600	\$4,000	\$500
Importance Code A	\$29,800	\$300	\$2,700	\$300
Importance Code B	\$49,600	\$300	\$1,300	\$200
Importance Code C	\$2,600			
Total	\$82,000	\$600	\$4,000	\$500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Architecture	Current Repair	Future Repla	acement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Cast in Place Concrete	5%	LIFE	* *	5	\$7,600	
	Other Observation, Extent : Light, Are	ea Affected : 5%				
	Location: East Side					
	Explanation: Exterior Stairway To I	-				
Concrete Masonry Unit	85%	LIFE	* *	5	\$16,200	
	Efflorescence, Extent : Light, Area Aff	fected : 5%				
	Location: Throughout					
Metal Coiling Doors	10%	2041	* *	5	\$4,800	
Windows						
Metal Louvers	100%	2037	* *	10	\$2,500	
Parapets						
Cast Stone/Terra Cotta	10%	LIFE	* *	5-10	\$8,400	
	Other Observation, Extent: Light, Are	ea Affected : 5%				
	Location: Top Of Parapet					
	Explanation: Coping					
Concrete Masonry Unit	90%	LIFE	* *	5-10	\$14,600	
Roof						
Built-Up (BUR)	80%	2033	* *	10	\$12,900	
	Other Observation, Extent: Moderate	, Area Affected : 1	100%			
	Location : Throughout					
	Explanation: Stone Ballast					
Built-Up (BUR)	20%	2033	* *	10	\$3,200	
	Other Observation, Extent: Moderate	, Area Affected : 1	100%			
	Location: Throughout					
	Explanation: Concrete Pavers					
Interior						
Floors						
Cast in Place Concrete	90%	LIFE	* *	5	\$33,900	
Vinyl Tile	10%	2033	* *	3	\$300	
	Other Observation, Extent: Light, Are	ea Affected : 20%				
	Location: Classroom					
	Explanation: The Classroom Floor	Has Stains In Seve	eral Areas			
Interior Walls						
Concrete Masonry Unit	92%	LIFE	* *	5	\$4,700	
Concrete Masonry Unit	8%	LIFE	* *	5	\$400	
	Other Observation, Extent: Moderate	, Area Affected : 8	3%			
	Location : At Train Platform					
	Explanation: 6 X 6 Units					
Ceilings						
AcousTileSusp.Lay-In	10%	2041	* *	5	\$900	
Exposed Struc: Steel	90%	LIFE	* *	10	\$15,500	

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Electrical	Current Repai	r Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts							
Raceway							
Conduit	100%	2048	* *	1			
Panelboards							
Molded Case Bkrs	100%	2044	* *	5	\$200		
Wiring Thermoplastic	100%	2048	* *	1			
Motor Controllers							
Locally Mounted	100%	2041	* *	5			
ighting							
Interior Lighting							
Fluorescent	85%	2033	* *	10	\$4,500		
	Other Observation, Extent Location : Throughout T Explanation : T-8 Lamps	he Building	: 100%				
Fluorescent	10%	2033	* *	10	\$500		
	Other Observation, Extent Location : Classrooms A Explanation : T-5 Lamps	nd Offices	: 100%				
Fluorescent	1%	2033	* *	10	\$100		
	Compact Fluorescent Ligh Location : Hallway	t, Extent : Light, Area	Affected : 100%				
HID	1%	2033	* *	10			
LED	3%	2033	* *				
Egress Lighting							
Emergency, Service	40%	2033	* *	1			
Emergency, Battery	10%	2033	* *	10	\$100		
Exit, LED	50%	2056	* *	1			
Exterior Lighting							
HID	65%	2033	* *	10			
	Other Observation, Extent Location : Outside Explanation : 11 HID Li _t						
LED	35%	2033	* *				
	Other Observation, Extent Location : Outside	: Light, Area Affected	: 100%				
	Explanation: 6 LED Lig	ht Fixtures Controlled	By A Timer Switch	h And Ph	otocells		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Fuel Oil No 2	100%	2048 **	5 \$1,800	
	No. 2 Fuel Oil, Extent : Light, Area Affe	ected : 100%		
	Location: Oil Tank Above Ground In	front Of Building		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Mechanical		Current Repa	nir	r Future Re		Maintenance		
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	-	Progress, Exte	nt : Light, Are	2048 va Affected	* * ! : 100%	1	\$2,800	
	Location	ervation, Exten : Boiler Room tion : 1 Unit	t : Light, Area	Affected .	: 100%			
Distribution Hot Wtr Piping/Pump	100%			2044	* *	4	\$400	
Terminal Devices								
Air Handler	40%			2033	* *	1	\$1,400	
Convector/Radiator	20%			2041	* *	1	\$400	
Unit Heater - Steam	40%			2033	* *	4	\$200	
Air Conditioning								
Energy Source Electricity	100%			2050	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	10%			2033	* *	2		
Cooling	R-22 Refra Location	igerant, Extent . : Roof	: Light, Area A	ffected : 1	10%			
No Component	90%							
Ventilation								
Distribution Ductwork/Diffusers		0-2 aning, Extent: : Throughout	\$14,900 Severe, Area A	LIFE Affected:	* *	2-5	\$3,200	
Exhaust Fans								
Roof	100%			2033	* *	2	\$200	
Plumbing H/C Water Piping Brass/Copper	100%			2048	* *	1		
Water Heater	10070			2010		-		
Electric	100%			2026	\$4,700	4		
Sanitary Piping	10070				\$ 1,700			
Cast Iron	Blockage ,	Now Clogged, Exten	\$2,000 at : Severe, Arc	LIFE ea Affected	* * d : 100%	1		
Backflow Preventer								
No Component Generic		ervation, Exten : Boiler Room	t : Light, Area	2033 Affected	**	1		
		tion : For Boile	r Only					
Fixtures Generic	100%	I of Botte	. 51111					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.012 / 13553 Yr Built/Renovated : 2003 /

Area Sq Ft : 40,857 Project Type : FIRE DEPARTMENT

Date of Survey : 31-Oct-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,1M,2M

Block : 1819 Lot : 40 BIN : 1085911

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$43,100	\$64,800
Interior Architecture	\$116,200	\$124,400
Total	\$159,300	\$189,200
Importance Code A	\$43,100	\$64,800
Importance Code B	\$116,200	\$124,400
Total	\$159,300	\$189,200

Total	\$176,000	\$2,700	\$23,100	\$3,000
Importance Code C	\$25,700			\$500
Importance Code B	\$71,500	\$2,700	\$3,500	\$2,500
Importance Code A	\$78,800		\$19,700	
Total	\$176,000	\$2,700	\$23,100	\$3,000
Mechanical	\$200	\$400	\$300	\$200
Electrical	\$2,800	\$2,300	\$3,100	\$2,300
Interior Architecture	\$94,100			\$500
Exterior Architecture	\$78,800		\$19,700	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13553

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Masonry: Brick Cavity	30% 2-4 Efflorescence, Extent: Location: North Fac.		LIFE Affected :	**	5	\$23,100	
Metal Panel	45% Now Deteriorated Finish, E. Location: At Joints Staining/Discoloring, E. Location: South Face	Extent : Moderate			5	\$64,800	
Metal Sect. OHD	15%		2041	* *	5	\$36,000	
Pre-Cast Concrete	3%		LIFE	* *	5	\$15,000	
Window Wall	7%		2048	* *	5	\$20,200	
Windows Aluminum	100%		2044	* *	5	\$11,600	
Parapets Concrete Masonry Unit	15% 0-2 Jnt Mortar Miss/Erod, Location: North Para Vertical Cracks, Extend Location: North Para	apets t : Light, Area Afj			5	\$1,300	
Masonry: Brick Cavity	20%		LIFE	* *	5-10	\$10,300	
Metal Rail	2%		2041	* *	5-10	\$2,700	
Pre-Cast Concrete No Component	8% 55%		LIFE	* *	5	\$7,600	
Roof							
Cast in Place Concrete Metal Panel	25% 55% Now Drains Clogged, Exten Location: Where Ang				10	\$22,400	
Modified Bitumen	20%		2033	* *	10	\$10,800	
Interior							
Floors Cast in Place Concrete	68% Now Cracking/Crumbling, E Location: Trench Dr Other Observation, Ext Location: Simulated Explanation: Radian	ain At Apron tent : Light, Area Street Area			5	\$91,000	
Cast in Place Concrete	25%		LIFE	* *	5	\$66,900	
Ceramic Tile	7% 2-4 Cracking/Crumbling, E Location: Throughor	_	2037	* * ed : 10%	5	\$2,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13553

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Ceramic Tile	2%		2037	* *	5	\$1,000	
Concrete Masonry Unit	75%		LIFE	* *	5	\$28,600	
Gypsum Board	5%		LIFE	* *	5-10	\$4,000	
Masonry: Brick	12%		LIFE	* *	10	\$1,700	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	: Streetscape Mockup On Mo	ain Level				
	Explanat	ion : Simulated Brick Buildin	g Facade	e Mockups			
Metal Coiling Doors	6%		2044	* *	5	\$14,300	
C	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	: Streetscape Mockup					
	Explanat	ion : On Building Facade Mo	ockups				
Ceilings							
Exposed Struc: Steel	95%		LIFE	* *	10	\$116,200	
	Corrosion	Rusting, Extent : Moderate, A	Area Affe	cted : 5%			
	Location	$: At\ Roof\ Drain\ Penetration$					
Metal Panel	5%		LIFE	* *	5	\$7,600	
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2041	* *			
Parking/Driveway							
Asphalt	100%		2037	* *			

ectrical	Current Repair	Future Re	olacement	M	aintenance		
stem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority	
der 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2048	* *	5	\$200		
	Other Observation, Extent: Light, A	rea Affected : 100	0%				
	Location : Electrical Room						
	Explanation : Main Service Switch	Rated @ 2000 A	mperes.				
Transformers							
Dry Type	100%	2041	* *	5	\$200		
	Other Observation, Extent: Light, A	rea Affected : 100	0%				
	Location : Electrical Room						
	Explanation: Nameplate Ratings, .	30kva, 208 Volts	- 480/277 Voi	lts			
Switchgear / Switchboard							
Molded Case Bkrs	100%	2048	* *	5	\$1,100		
	Other Observation, Extent: Light, Area Affected: 100%						
	Location : Electrical Room						
	Explanation: Nameplate Ratings:	1200 Amperes Bu	s Rating				
Raceway							
Conduit	100%	2048	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13553

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Panelboards						
Fused Disc Sw	10%	2044	* *	5	\$100	
Molded Case Bkrs	90%	2044	* *	5	\$1,000	
Ground						
Grounding Devices	1000/					
Not Accessible	100%	Affordad	. 00/			
	Other Observation, Extent : Light, Area Location :	і Ајјесіеа .	0%			
	Explanation: It Is Assumed That It Is	Crounda	To The Puilding	Ctmuatum		
tand-by Power	Explanation . It is Assumed That it is	Grounded	10 The Building	Structure	<u>د. </u>	
Transfer Switches						
Manual	100%	2048	* *	5	\$200	
Lighting					4-00	
Interior Lighting						
Fluorescent	40%	2033	* *	10	\$15,000	
	T-8 Lamps And Fixtures, Extent: Light,	Area Affe	ected : 100%			
	Location: Storage					
Fluorescent	40%	2033	* *	10	\$15,000	
	Compact Fluorescent Light, Extent : Li	ght, Area	Affected : 100%			
	Location: Simulation Rooms					
HID	10%	2033	* *	10	\$100	
	Other Observation, Extent : Light, Area	Affected .	100%			
	Location: Attrium					
	Explanation : Metal Halide HID					
LED	10%	2033	* *			
	Other Observation, Extent : Light, Area	Affected .	100%			
	Location : Hallways					
	Explanation: LED					
Egress Lighting						
Emergency, Service	60%	2033	* *	1		
Exit, LED	40%	2056	* *	1		
Exterior Lighting	1000/	2022	* *	1.0	#100	
HID	100%	2033		10	\$100	
	Other Observation, Extent: Light, Area	Affected .	100%			
	Location: Outside	Controllo	l Dr. Dhataalla			
laws	Explanation: 25 LED Light Fixtures	Controlled	By Pnotocells			
Alarm Fire/Smoke Detection						
Generic, Digital	100%	2033	* *	1-3	\$25,200	
Generic, Digital	Other Observation, Extent : Light, Area		: 100%	1.3	Ψ23,200	
	Location: Throughout The Building	- 255 00000				
	Explanation : Addressable Fire Alarm	ı System: S	Strobe Lights, Ma	nual Puli	Stations, Alarm	
	Bells, Smoke Detectors, Horns			=	, = =====	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13553

Mechanical	Current Repair	Future Replac	cement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
HTHW/HW	20%	2048	* *	1		
	Other Observation, Extent : Light, Area	Affected: 20%				
	Location: 1st Floor	Z.,	:1.1: #1.1	,		
N. C.	Explanation: Hot Water Is Supplied I	rom Aajacent Bu	ilaing #11			
No Component	80%					
Distribution	2007	2044	* *	4	\$ <00	
Hot Wtr Piping/Pump	20% Other Observation, Extent: Light, Area	2044 Affacted : 20%	4. 4.	4	\$600	
	Location: 1st Floor	Affected . 2070				
	Explanation: Hot Water From Adjace	ent Ruildina #11				
No Commonant	80%	thi Buttaing #11				
No Component Terminal Devices	80%					
Convector/Radiator	15%	2041	* *	1	\$2,000	
Convector/Radiator	Other Observation, Extent : Light, Area			1	\$2,000	
	Location: Ground Level	rijjeerea : 1570				
	Explanation: Radiant Heating Pipes	In Floor				
Unit Heater - Steam	5%	2033	* *	4	\$200	
No Component	80%	2033		•	Ψ200	
Ventilation						
Exhaust Fans						
Roof	20%	2033	* *	2	\$300	
No Component	80%					
Plumbing						
H/C Water Piping						
Brass/Copper	20%	2048	* *	1		
No Component	80%					
Water Heater						
Electric	20%	2026	\$6,700	4		
	Other Observation, Extent : Light, Area	Affected: 20%				
	Location: 1st Floor					
N. G	Explanation: 1 Unit					
No Component	80%					
Storm Drain Piping	1000/	LIEE	* *	1		
Cast Iron	100%	LIFE	* *	1		
Fixtures	100%					
Generic	Other Observation, Extent : Light, Area	Affected · 100%				
	Location : 1st Floor	пурестей . 100%				
	Explanation: Two Bathrooms					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY TRAINING TOWER # 1

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 12,000 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$72,400
Mechanical		\$39,800
Total		\$112,200
Importance Code A		\$39,800
Importance Code B		\$72,400
Total		\$112,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$63,000	\$2,900		_
Interior Architecture	\$65,800			
Electrical	\$400	\$400	\$400	\$600
Mechanical	\$2,000	\$500	\$500	\$500
Total	\$131,300	\$3,800	\$900	\$1,100
Importance Code A	\$63,000	\$3,100		\$200
Importance Code B	\$53,200	\$700	\$900	\$900
Importance Code C	\$15,100			
Total	\$131,300	\$3,800	\$900	\$1,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

rchitecture	Curren	Repair	Future Replacement		Maintenance		
stem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls							
Masonry: Brick	50%		LIFE	* *	5	\$22,400	
Masonry: Brick	50% 2-4	\$33,800	LIFE	* *	5	\$11,200	
	_	g, Extent : Light, Are	ea Affecte	ed : 10%			
	Location: Throug						
		Extent : Light, Area	Affected	: 100%			
	Location: Throug						
		: Is A Demonstratior Ft. Were Added In 2		g. The Original Bu	ilding W	as 5,400 Sq.Ft.	
Windows	100%		2050	* *	-	¢5 700	
Aluminum	Broken/Missing Ele	manta Extant Liab			5	\$5,700	
	Location: Through		ı, Area A	ffeciea : 5%			
Parapets							
Masonry: Brick	70%		LIFE	* *	5-10	\$19,400	
Masonry: Brick	30% Now	\$1,400	LIFE	* *	5	\$1,200	
		Extent : Light, Area	Affected	: 50%			
	Location: Roof						
D 0	Explanation: This	Is A Demonstration	i Building	8			
Roof	2%		2054	* *	10	¢1 000	
Skylight, Metal/Glass	2% 98%		2054 2036	* *	10 10	\$1,000	
Traffic Topping	98%		2030		10	\$24,800	
erior Floors							
Cast in Place Concrete	95%		LIFE	* *	5	\$66,500	
Cast III I face Concrete		g, Extent : Light, Ard		ed : 10%	5	ψ00,200	
	Location: Through		,,, = = 1,				
Steel Grating	5%		2048	* *	1		
Interior Walls	<u>-</u>						
Concrete Masonry Unit	100%		LIFE	* *	5	\$30,200	
,	Cracking/Crumblin Location : Throug	g, Extent : Light, Ard hout		ed : 10%			
Ceilings							
Exposed Concrete	100%		LIFE	* *	5-10	\$20,000	
	Cracking/Crumblin Location: Throug	g, Extent : Light, Ard hout	ea Affecte	ed : 5%			

Electrical	Current F	Repair Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2028	\$22,100	1		
Panelboards						
Molded Case Bkrs	100%	2027	\$29,800	5	\$300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Electrical	Current Repair	Futui	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	100%	2028	\$24,200	1		
Lighting						
Interior Lighting						
Fluorescent	15%	2028	\$4,000	10	\$1,700	
	T-8 Lamps And Fixtures, Extent: Mode	rate, Are	a Affected : 100%			
	Location : Stair Case And 3rd Floor					
Fluorescent	85%	2028	\$22,500	10	\$9,400	
	Compact Fluorescent Light, Extent : Mo	oderate, 1	Area Affected : 100	0%		
	Location: Throughout The Building					
Exterior Lighting						
Fluorescent	20%	2028	\$7,700	10	\$200	
	Other Observation, Extent: Moderate, A	Area Affe	ected : 100%			
	Location : Outside					
	Explanation: 3 CFL (Compact Fluore		ght Fixtures)			
HID	80%	2028	\$36,200	10		
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Outside					
	Explanation : 13 Hid Light Fixtures C	Controlled	d By Timer Switch	And Pho	tocells	
Alarm						
Security System						
Generic	100%	2028	\$36,200	1	\$4,500	
	Other Observation, Extent: Moderate, A	Area Affe	ected : 100%			
	Location: Roof	_				
	Explanation : 1 - CCTV Surveillance (Camera				

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2048	* *	1		
No Component	80%							
Conversion Equipment								
Radiant Heater	20%			2028	\$39,800	2	\$1,100	
No Component	80%							
Ventilation								
Exhaust Fans								
Roof	20%			2033	* *	2	\$100	
Wall Unit	80%			2028	\$3,200	2	\$300	
	Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: Basemen	t					
	Explanat	ion : Fan I	n Basement To Rer	nove Me	thane Gas			

Plumbing

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Mechanical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Galvanized Steel	10%	2041	* *	1		
	Other Observation, Extent : Light, A	rea Affected : 10%				
	Location: B, 1-5					
	Explanation: Standpipe Only					
No Component	90%					
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent : Light, A	rea Affected : 10%				
	Location: 1-5					
	Explanation: Roof Drains Only					
Sump Pump(s)						
Non-Submersible	100% Now \$1,70	00 2038	* *	4	\$300	
	Not in Service, Extent : Light, Area	Affected : 100%				
	Location : Basement					
Fire Suppression						
Standpipe						
Generic	100%	2048	* *	1-5	\$6,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 14,800 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Nov-2016 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : 1819 Lot : 40 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$45,600	
Interior Architecture	\$95,800	
Electrical		\$55,800
Total	\$141,400	\$55,800
Importance Code A	\$45,600	
Importance Code B	\$48,100	\$55,800
Importance Code C	\$47,700	
Total	\$141,400	\$55,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,800			
Interior Architecture	\$67,900	\$600		\$2,300
Electrical	\$1,500	\$1,300	\$1,600	\$1,400
Mechanical	\$8,400	\$1,200	\$2,500	\$1,200
Site Pavements	\$3,000			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$95,500	\$7,000	\$8,000	\$8,900
Importance Code A	\$11,500	\$700	\$700	\$700
Importance Code B	\$69,900	\$6,300	\$7,300	\$7,500
Importance Code C	\$14,100			\$700
Total	\$95,500	\$7,000	\$8,000	\$8,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1990

Architecture	C	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date I Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	700/	N T	£45.600	LIPP	* *	-	ØC 100	
Masonry: Brick Cavity	Location: Misaligned/H Location: Patching Evi Location: Caulking De Location:	Aiss/Erod, Various Le Bulging, Ex Above 2nd ident, Exte All Facade teriorated, Base Of Bi	Extent : Modera uilding	verhead Area Afj Affected : ate, Area	Doors fected : 5% 20% Affected : 20%	5	\$6,100	
	-		Extent : Moderat		Affected: 15%			
Matal Cost OUD			turated - North F		* *		¢4.100	
Metal Sect. OHD	30% Paint Peeling Location:		\$4,100 Light, Area Affeo nes	2041 cted : 15		5	\$4,100	
Windows								
Aluminum	40%			2044	* *	5	\$800	
Wood	60%			2044	* *	5	\$12,600	
Parapets Not Accessible	100%							
Roof Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete		umbling, E	\$9,500 Extent : Moderate ocations Through			5	\$20,000	
Cast in Place Concrete	20%			LIFE	* *	5	\$20,000	
Ceramic Tile	5%			2037	* *	5	\$1,100	
Vinyl Tile	Broken/Miss Location : Uneven Subs	Second Flo strate, Exte	\$20,400 nts, Extent : Seve por Office, Corri nt : Moderate, A nt Second Floor	dor, Loci	ker Room, Kitchen	3 ette And .	\$3,000 Stair	
Interior Walls	Locuiton .	1 III OUZIIOU	a Secona Fioor					
Ceramic Tile	5%			2037	* *	5	\$1,400	
Concrete Masonry Unit	75% Vertical Cra		\$47,700 : Moderate, Are To Second Floor	LIFE	* * d : 15%	5	\$8,600	
SGFT/Glazed Masonry	_	_	\$11,100 Extent : Moderate at Apparatus Area	-	* * ffected : 10%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1990

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$2,800	2033	* *	5	\$1,700	
	Water Pen	etration, Exte	nt : Moderate, A	Area Affe	cted : 5%			
	Location	: Room 201,	202, 203 And L	ocker Ro	oms			
AcousTileSusp.Lay-In	5%			2045	* *	5	\$1,100	
Exposed Struc: Steel	50%	Now	\$48,100	LIFE	* *			
•	Water Pen	etration, Exte	nt : Moderate, A	Area Affe	cted : 10%			
	Location	: Apparatus l	Floor, Original	Building				
Exposed Struc: Steel	20%			LIFE	* *	10	\$9,100	
Gypsum Board	10%			LIFE	* *	5-10	\$7,900	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	\$3,000	2033	* *			
	Cracking/	Crumbling, Ex	xtent : Moderate	, Area Ą	ffected : 20%			
	Location	: At Overhea	d Door Thresho	lds And	Curbs			
Parking/Driveway								
Asphalt	100%			2037	* *			

ectrical	Current Repair	Futur	e Replacement	M	aintenance		
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
der 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2048	* *	5	\$100		
	Other Observation, Extent:	Light, Area Affected	: 100%				
	Location : Electrical Room	n					
	Explanation: 2- Main Ser	vice Disconnect Swit	ches Rated @ 1200) Ampere	es Each.		
Switchgear / Switchboard							
Fused Disc Sw	100%	2048	* *	5	\$100		
Raceway							
Conduit	85%	2028	\$18,800	1			
Conduit	15%	2048	* *	1			
Panelboards							
Fused Disc Sw	5%	2027	\$1,500	5			
Molded Case Bkrs	80%	2027	\$23,900	5	\$300		
Molded Case Bkrs	15%	2044	* *	5	\$100		
Wiring							
Thermoplastic	85%	2028	\$20,600	1			
Thermoplastic	15%	2048	**	1			
Motor Controllers							
Locally Mounted	20%	2041	* *	5			
Locally Mounted	80%	2033	* *	5	\$100		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1990

Electrical	Current Repa	ir Futur	Future Replacement		Maintenance			
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$400			
	Other Observation, Exten		ected : 100%					
	Location : Water Meter							
	Explanation: Connected	d To Metal Water Pipe.						
Stand-by Power								
Transfer Switches	1000/	2041	ماد ماد					
Automatic	100%	2041	**	1	\$4,600			
	Other Observation, Exten Location : Electrical Ro	-	: 100%					
	Explanation : No Availa	ble Amperage Namepl	ate Rating					
Lighting								
Interior Lighting								
Fluorescent	40%	2033	* *	10	\$5,400			
	T-8 Lamps And Fixtures, Location: 2nd Floor	Extent : Light, Area Afj	fected : 100%					
HID	60%	2028	\$14,200	10	\$300			
Egress Lighting								
Emergency, Service	65%	2033	* *	1				
Exit, LED	35%	2056	* *	1				
Exterior Lighting								
HID	100%	2028	\$55,800	10				
	Other Observation, Extendation: Outside	t : Moderate, Area Affe	ected : 100%					
	Explanation: 15 HID L	ight Fixtures Controlle	d By Photocells					
Alarm	-							
Fire/Smoke Detection								
Generic, Digital	100%	2033	* *	1-3	\$9,100			
	Other Observation, Extent: Light, Area Affected: 100%							
	Location : Throughout T	The Building						
	Explanation : Addressal Lights, Smoke Detectors		Manual Pull Statio	on, Alarn	n Bells, Strobe			

Mechanical	Current	Repair Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2038	* *	5	\$4,600	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 1990

Mechanical	Current Rep	Current Repair		e Replacement	M			
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Conversion Equipment	200/		2020	Φ.C. 7.0.0		Φ1 7 00		
Furnace	20%	Canana Amag Aff	2028	\$6,500	1	\$1,500		
	Not in Service, Extent : Location : Roof	severe, Area Ajj	eciea : 20	0%				
	Other Observation, Exte	ent · Lioht Area	Affected	. 20%				
	Location : Roof		Пусстса	. 2070				
	Explanation: 1 Unit							
Hot Water Boiler	80%		2033	* *	1	\$5,900		
1100 11 0001 201101	Other Observation, Exte	ent : Light, Area		: 80%	-	\$2,500		
	Location: 1st Floor B	oiler Room						
	Explanation: 1 Unit							
Distribution								
Hot Wtr Piping/Pump	100% Now	\$400	2036	* *	4	\$700		
	Leak Evident, Extent : S							
	Location: Pum(P-6-1)	In The 1st Floo	r Boiler I	Room.				
Terminal Devices Convector/Radiator	500/		2022	* *	1	\$2.400		
Unit Heater - Steam	50% 50%		2033 2033	* *	1 4	\$2,400 \$700		
Air Conditioning	30%		2033		4	\$700		
Energy Source								
Electricity	100%		2044	* *	1			
Conversion Equipment								
Exterior Pkg Unit -	20%		2038	* *	2	\$200		
Cooling								
	Recent Installation, Extent: Light, Area Affected: 20%							
	Location: 2 Units, On	The Roof, Using	g 410 A F	Refrigerant.				
No Component	80%							
Ventilation								
Distribution	1000/		TIPE		2.5	012 100		
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,100		
Exhaust Fans	050/		2028	\$10.500	2	\$400		
Roof Wall Unit	85% 15%		2028	\$19,500 \$700	2 2	\$400 \$100		
Plumbing	1370		2028	\$700		\$100		
H/C Water Piping								
Brass/Copper	100% Now	\$2,100	2048	* *	1			
11	Corroded, Extent : Seve	•	1: 100%					
	Location: Water Mair	ı.						
Water Heater								
Electric	50%		2023	\$6,100	4	\$100		
Electric	50%		2026	\$6,100	4			
Sanitary Piping	1000/			ata - *	_			
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping	1000/		LIEE	* *	1			
Cast Iron	100%		LIFE	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6

Asset #: 1990

Mechanical	nical Current Repair			Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
No Component	90%					
Generic	10%	2033	* *	1	\$100	
	Other Observation, Extent: Light, A	Area Affected : 10%	ó			
	Location: Boiler Room					
	Explanation: For Boiler Only					
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	80%					
Generic	20%	2038	* *	1-2	\$800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Address : 103 TOTTEN AVENUE EMS OPERATIONS/SOC

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.103 / 13737 Yr Built/Renovated : 1892 /

Area Sq Ft : 4,591 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Floors 1

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$42,600
Total		\$42,600
Importance Code B		\$42,600
Total		\$42,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,800			
Interior Architecture	\$10,000			\$600
Electrical	\$5,300	\$100	\$8,300	\$100
Mechanical	\$23,900	\$300	\$900	\$400
Total	\$66,000	\$400	\$9,100	\$1,100
Importance Code A	\$26,900	\$200	\$200	\$200
Importance Code B	\$36,900	\$300	\$8,900	\$900
Importance Code C	\$2,200			
Total	\$66,000	\$400	\$9,100	\$1,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Asset #: 13737

Architecture	Current Repair		Future Replacement		M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	50/			2026	* *	10	¢100	
Alum/Vinyl Siding Cast in Place Concrete	5% 10%			2036 LIFE	* *	10 5	\$100 \$4,400	
Masonry: Brick		Now	\$24,500	LIFE	* *	5	\$7,500	
Masonry. Drick			d, Extent : Modera		Affected : 50%	3	\$7,500	
	Location	: Through	out					
			derate, Area Affec	ted : 25%	6			
	Location	: Various	Locations					
Windows	1000/			2024	* *	-	Ф1 000	
Aluminum	100%			2034	* *	5	\$1,000	
Roof Asphalt Shingle	100%			2029	* *	10	\$1,700	
nterior	10070			2029		10	\$1,700	
Floors								
Ceramic Tile	5%	0-2	\$600	2029	* *	5	\$100	
		issing Elem : Bathroom	ents, Extent : Ligh n	t, Area A	ffected : 10%			
Quarry Tile	10%			2039	* *	5	\$800	
		ded, Extent : Various	: Light, Area Affeo Locations	cted : 50%	%			
Vinyl Tile	85%	0-2	\$4,300	2026	\$42,600	3	\$1,700	
		ded, Extent : Through	: Moderate, Area . out	Affected	: 100%			
Interior Walls						_		
Ceramic Tile	5%		\$600	2029	**	5	\$200	
	Location	_	ents, Extent : Ligh	t, Area A	<i>ђестеа : 5%</i>			
Concrete Masonry Unit	10%	. Toucis		LIFE	* *	5	\$300	
Gypsum Board	50%			LIFE	* *	5	\$2,300	
Masonry: Brick	5%	Now	\$1,600	LIFE	* *	2	Ψ2,500	
,	Jnt Morta	r Miss/Erod	l, Extent : Light, A		ted : 50%			
		: Basemen	nt .					
Plaster	5%	C 11:	T I' I . A	LIFE	**	5	\$100	
	Location	: Basemen						
		ed Finish, : Basemen	Extent : Light, Are at	a Affecte	d : 10%			
			xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: Basemen	nt .					
Wood	25%			LIFE	* *	5	\$7,600	
			Extent : Light, Area		: 100%			
			Locations Through					
	Explana	tion : Wood	l Panel Interior Fii	ıish				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Asset #: 13737

Architecture	Current Repair	Future Rep	olacement	М				
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority		
nterior								
Ceilings								
AcousTileSusp.Lay-In	95%	2039	* *	5	\$5,100			
	Misaligned/Bulging, Extent: Light, Area Affected: 5%							
	Location: Basement							
Gypsum Board	5%	LIFE	* *	5	\$300			

Electrical	Current Repair	Future Rep	olacement	M				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2036	* *	5				
	Other Observation, Extent : Light		0%					
	Location: Basement Electrical							
	Explanation: 2-200 Amperes Sv	vitches						
Raceway			de de					
Conduit	100%	2036	* *	1				
Panelboards	1000/	2024	de de	_	0.100			
Molded Case Bkrs	100%	2034	* *	5	\$100			
Wiring			de de					
Thermoplastic	100%	2036	* *	1				
Motor Controllers	1000/		de de	_				
Locally Mounted	100%	2031	* *	5				
Ground								
Grounding Devices	1000/	LIDE	* *	_	0100			
Generic	100%	LIFE	* *	5	\$100			
Lighting								
Interior Lighting	1000/	2026	#0.700	10	¢2.200			
Fluorescent	100%	2026	\$8,600	10	\$3,300			
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Explanation: T-8 Fixtures In U.	_						
Egress Lighting	Explanation . 1-8 Fixtures in O.	se.						
Emergency, Battery	50%	2031	* *	10	\$400			
Exit, Battery	50%	2031	* *	10	\$100 \$100			
Exterior Lighting	3070	2031		10	\$100			
HID	50%	2026	\$9,500	10				
No Component	50%	2020	\$9,500	10				
Alarm	3070							
Security System								
No Component	50%							
Generic	50%	2021	\$7,600	1	\$900			
Generic	3070	2021	\$7,000	1	Ψ200			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Asset #: 13737

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	4+	\$5,200	2036	* *	1-3	\$300	
Local/Battery Operated Detect, Extent : Light, Area Affected : 100%								
	Location	: Through	out					

Mechanical		Current Rep	air	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Fuel Oil No 2		ervation, Exte : Basement	nt : Light, Area	2036 Affected	* *	5	\$1,100	
	Explanati	on : 2 - 275 (Gallon Tanks W	ith Spill	Protection			
Conversion Equipment Hot Water Boiler	Location Other Obse	: Basement	nt : Light, Area nt : Light, Area			1	\$1,800	
	Explanati	on : New Bur	ner					
Distribution Hot Wtr Piping/Pump	100%			2034	* *	4	\$200	
Terminal Devices Convector/Radiator	100%			2031	* *	1	\$1,200	
Air Conditioning Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment Split Unit	-	0-2 ning, Extent : : Classroom	\$23,600 Moderate, Area	2036 a Affecte	* * d : 30%			
Window/Wall Unit	70%			2024	\$5,400	1		
Heat Rejection No Component No Component	30% 70%			2021	\$2,100			
Ventilation Exhaust Fans Interior	100%			2026	\$13,100	2	\$100	
Plumbing H/C Water Piping Brass/Copper	100%			2046	**	1	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Asset #: 13737

echanical	Current Repair	Future Replacement	N	Maintenance	
vstem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
ımbing					
Water Heater					
Oil Fired	100%	2024 \$3,10	0 1	\$100	
	Recent Repair Evident, Extent : Light,	Area Affected : 50%			
	Location: Basement				
	Other Observation, Extent: Light, Are	ea Affected : 100%			
	Location: Basement				
	Explanation: 1 - 40 Gallon Unit				
Sanitary Piping					
Cast Iron	100%	LIFE *	* 1		
Storm Drain Piping					
Cast Iron	100%	LIFE *	* 1		
Fixtures					
Generic	100%				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Address : 107 DUANE AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 12,404 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Floors 1,2

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$66,800
Mechanical	\$108,200	\$45,100
Total	\$108,200	\$111,900
Importance Code A		\$66,800
Importance Code B	\$108,200	\$45,100
Total	\$108,200	\$111,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,000		\$3,600	
Interior Architecture	\$23,700	\$2,400		\$5,400
Electrical	\$14,000	\$100	\$100	\$300
Mechanical	\$1,700	\$2,000	\$18,100	\$1,700
Total	\$54,300	\$4,500	\$21,900	\$7,300
Importance Code A	\$16,200	\$1,200	\$4,800	\$1,200
Importance Code B	\$38,100	\$900	\$17,000	\$6,100
Importance Code C		\$2,400		
Total	\$54,300	\$4,500	\$21,900	\$7,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset #: 13738

Architecture	Current Repair	Future Replacement Maintenance		laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls			_	****	
Masonry: Brick	87%	LIFE **	5	\$66,800	
	Diagonal Cracks, Extent: Light, Area	Affected: 2%			
	Location: Attached Storage Shed	2-4-1-250/			
	Efflorescence, Extent : Light, Area Affe Location : Various Locations	естеа : 25%			
	Staining/Discoloring, Extent: Light, A	rea Affected . 25%			
	Location: Various Locations	rea Affectea . 2570			
Maganyu Granita	5%	LIFE **	5	\$2,900	
Masonry: Granite Masonry: Limestone	5% Now \$9,200	LIFE **	5	\$2,900	
Masonry. Enfectione	Broken/Missing Elements, Extent: Sev		3	\$2,900	
	Location : Above Pull-up Door In Re				
	Loose/Delam Surface, Extent : Modera				
	Location : Throughout	, 33			
	Staining/Discoloring, Extent: Modera	te, Area Affected : 10%			
	Location: Throughout				
Metal Sect. OHD	3%	2031 **	5	\$7,200	
Windows					
Aluminum	100%	2034 **	5	\$11,600	
Roof					
Asphalt Shingle	100%	2035 **	10	\$9,000	
	Other Observation, Extent: Light, Are	a Affected : 100%			
	Location: Throughout)	l:	1	
Interior	Explanation : Asphalt Shingles Are L	Designea 10 Appear 10 Be H	istoric S	ште	
Floors					
Cast in Place Concrete	20%	LIFE **	5	\$26,800	
Mosaic Tile	10%	2043 **	5	\$15,300	
Vinyl Tile	70%	2031 **	3	\$21,400	
Interior Walls					
Cast in Place Concrete	5%	LIFE **			
Cast Stone/Terra Cotta	5%	LIFE **			
Ceramic Tile	10%	2035 **	5	\$4,800	
	Broken/Missing Elements, Extent: Lig	ht, Area Affected : 5%			
	Location: Toilets				
Gypsum Board	50%	LIFE **	5	\$14,300	
Masonry: Brick	30%	LIFE **			
Ceilings	5007		_		
AcousTileSusp.Lay-In	60%	2039 **	5	\$36,700	
Gypsum Board	30%	LIFE **	5	\$22,900	
Masonry: Infill Arch	10%	LIFE **			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset #: 13738

Electrical	Current Repair	Future Repla	cement	М	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Not Accessible	100%					
Raceway						
Conduit	100%	2036	* *	1		
Panelboards	1000/	• • • •	di di	_	4.00	
Molded Case Bkrs	100%	2042	* *	5	\$300	
	Recent Installation, Extent: Light, A. Location: Recently Installed With I			nd Floors		
Wiring						
Thermoplastic	100%	2046	* *	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$100	
Ground						
Grounding Devices			di di	_		
Generic	100%	LIFE	* *	5	\$200	
	Other Observation, Extent : Light, A	rea Affected : 100%)			
	Location: Basement					
T 1 - 1 - 2	Explanation: Grounding Device					
Lighting Interior Lighting						
Fluorescent	100%	2026	\$29,600	10	\$11,400	
Fluorescent	T-12 Lamps And Fixtures, Extent: L			10	\$11,400	
	Location: Throughout	.8, 11. 00. 12,500.00	. 100,0			
Egress Lighting	<u> </u>					
Emergency, Battery	50%	2026	\$9,100	10	\$1,500	
Exit, Battery	50%	2026	\$6,200	10	\$400	
Exterior Lighting			+ - ,		4 1 0 0	
HID	50%	2026	\$25,500	10		
	Other Observation, Extent : Light, A	rea Affected : 100%	-			
	Location : Exterior					
	Explanation: Controlled Via Photo	ocell				
No Component	50%					
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic, Analog	10% 4+ \$14,000	0 2036	* *	1-3	\$700	
	Devices Missing, Extent: Light, Area					
	Location: Throughout					

Mechanical	(Current Repair	t Repair Future Replacement Maintenance		aintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset #: 13738

Mechanical	Current Repair	Future Rep	lacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source				_		
Fuel Oil	100%	2046	**	5	\$3,800	
	Other Observation, Extent: Light, A	rea Affected : 100	%			
	Location: Basement	1				
Canada Eminada	Explanation: Two 275 Gallon Tan	KS				
Conversion Equipment Steam Boiler	100%	2031	* *	1	\$12,300	
Steam Boller	On Extended Life, Extent : Moderate		100%	1	\$12,300	
	Location: Basement Mechanical R		.0070			
	Recent Repair Evident, Extent: Ligh		100%			
	Location: Basement	i, in our ray corour i	100,0			
	Other Observation, Extent : Light, A	rea Affected : 100	%			
	Location : Basement Mechanical R					
	Explanation : One Oil Fired Steam	Boiler				
Distribution	*					
Central Plant Steam	100%	2036	* *	4	\$900	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$4,000	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment	4000/		* *			
Split Unit	100% 2-4 \$108,200					
	Other Observation, Extent : Moderat Location : 1st And 2nd Floor	е, Агеа Ајјестеа :	80%			
	Explanation: 2 Units On Extended	Life I Unit Poorl	v Installad			
Distribution	Explanation . 2 Units On Extended	Lije I Onii Foori	y instattea			
Ductwork/Diffusers	100%	LIFE	* *	2	\$16,100	
Ventilation	10070	EH E			ψ10,100	
Exhaust Fans						
Interior	100%	2026	\$45,100	2	\$400	
Plumbing						
H/C Water Piping						
Galvanized Steel	100%	2039	* *	1		
Water Heater						
Oil Fired	100%	2021	\$10,500	1	\$400	
	Other Observation, Extent : Light, A		%			
	Location: Basement Mechanical R					
	Explanation : Indirect Hot Water H	Heater				
Fixtures	1000/					
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Address : 129 SGT. BEERS AVENUE EVOC/CPR

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.129 / 13740 Yr Built/Renovated : 1871 /

Area Sq Ft : 4,566 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$36,600	
Mechanical		\$38,500
Total	\$36,600	\$38,500
Importance Code A	\$36,600	
Importance Code B		\$38,500
Total	\$36,600	\$38,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,200		\$100	
Interior Architecture	\$12,300			\$500
Electrical	\$3,800	\$100	\$4,800	\$200
Mechanical	\$700	\$800	\$7,600	\$900
Total	\$50,900	\$900	\$12,500	\$1,500
Importance Code A	\$34,600	\$400	\$500	\$400
Importance Code B	\$10,300	\$400	\$11,900	\$1,100
Importance Code C	\$6,000			
Total	\$50,900	\$900	\$12,500	\$1,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset #: 13740

Architecture	Current Repair Future Replacem			e Replacement	nent Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Cast in Place Concrete	10% Now Cracking/Crumbling,	\$800 Extent : Light, Are	LIFE ea Affecto	* * ed : 2%	5	\$3,300	
	Location: Exterior	Stair To Basement					
Masonry: Brick	85% Now Diagonal Cracks, Ext Location: Through Spalling, Extent: Lig	out. ht, Area Affected :		* * ted : 20%	5	\$5,600	
Magangu Limagtana	Location : Through 5%	out	LIFE	* *	5	\$200	
Masonry: Limestone Windows	370		LIFE		3	\$200	
Aluminum	100% Recent Installation, E Location : Through	_	2051 Affected	* *	5	\$200	
Roof							
Slate	100% 4+ Broken/Missing Elem Location: Mostly A Worn/Eroded, Extent Location: Through	bove Gutter. : Light, Area Affed					
terior							
Floors Cast in Place Concrete	5%		LIFE	* *	5	\$700	
Vinyl Tile	50%		2031	* *	3	\$1,700	
Vinyl Tile 9" X 9"	5% Now	\$4,000	2036	* *	3	\$100	
,	Cracking/Crumbling, Location : Cracked	Extent : Severe, A	rea Affec		2	,	
Wood	40% Now Deteriorated Finish,	_	2054 a Affecte	* * d : 50%	5	\$2,500	
T	Location : Through	out 2nd Floor					
Interior Walls Cast in Place Concrete	85%		LIFE	* *			
Ceramic Tile	5% Now	\$500	2035	* *	5	\$200	
Cerumne The	Broken/Missing Elem Location: 1st Floor	ents, Extent : Mod		ea Affected : 10%	3	Ψ200	
Masonry: Brick	5% Now Diagonal Cracks, Ext Location: Basement Efflorescence, Extent Location: Basemen	t : Moderate, Area					
	Jnt Mortar Miss/Eroc Location : Basemen	l, Extent : Modera	te, Area A	Affected: 15%			
Plaster	5% Now Water Penetration, E Location: 1st Floor				5	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset #: 13740

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Interior Ceilings					
Plaster	100%	LIFE **	5	\$4,200	
	Paint Peeling, Extent : Light, Area Affe	cted : 15%			
	Location: Throughout				

Electrical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	.	'	•			
Service Equipment						
Fused Disc Sw	100%	2052	* *	5		
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: One (1) 1	00 Amperes Service Sw	itch			
Raceway						
Conduit	90%	2036	* *	1		
Conduit	10%	2026	\$400	1		
Panelboards			de de	_	***	
Molded Case Bkrs	100%	2042	* *	5	\$100	
Wiring	0.007	• • • • • • • • • • • • • • • • • • • •	ماد ماد			
Thermoplastic	90%	2036	**	1		
Thermoplastic	10%	2026	\$900	1		
Ground						
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Generic	Other Observation, Exten			3	\$100	
	Location : One (1) Insta			Flectric	al Room	
	Explanation: 2-ground		1) msianea m The	Lieciric	ui Room	
Lighting	Explanation: 2 ground	Rous Instatted.				
Interior Lighting						
Fluorescent	97%	2031	* *	10	\$3,900	
	T-8 Lamps And Fixtures,		ected : 100%		4 - 9	
	Location: Throughout	-				
Incandescent	3%	2021	\$800	2		
Egress Lighting			<u>·</u>			
Emergency, Service	30%	2026	\$700	1		
Exit, Service	70%	2026	\$900	1		
Exterior Lighting						
HID	100%	2031	* *	10		
Alarm						
Security System						
No Component	50%					
Generic	50% Now	\$3,800 2036	* *	1	\$800	
	Malfunctioning, Extent:		0%			
	Location: Throughout T	The Building				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset #: 13740

Mechanical		Current Repair	Futur	e Replacement	cement Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2036	* *	5	\$1,400	
		rvation, Extent : Light, Area	Affected	: 100%			
		Basement					
	Explanation	on : 2 - 275 Gallon Tanks W	ith Spill	Protection			
Conversion Equipment	1000/		2020	* *			
Steam Boiler	100%		2039	* *	1	\$4,400	
Distribution	1000/		2026	ماد ماد		#200	
Central Plant Steam	100%		2036	* *	4	\$300	
Piping/Pmp							
Terminal Devices	1000/		2021	* *	1	¢1 400	
Convector/Radiator	100%		2031	* *	1	\$1,400	
Air Conditioning							
Energy Source	1000/		2042	* *	1		
Electricity	100%		2042		1		
Conversion Equipment	400/		2026	¢20.500			
Split Unit	40% 60%		2026	\$38,500	1		
Window/Wall Unit	60%		2021	\$5,600	1		
Distribution	400/		LIEE	* *	2	¢2 200	
Ductwork/Diffusers	40% 60%		LIFE		2	\$2,300	
No Component	60%						
Terminal Devices	400/		2021	* *	1	¢1 100	
Air Handler/Cool/Ht	40% 60%		2031		1	\$1,100	
No Component	60%						
Plumbing H/C Water Pining							
H/C Water Piping Brass/Copper	100%		2046	* *	1		
HW Heat Exchanger	10070		2040		1		
Steam Fired	100%		2046	* *	4	\$400	
Steam Filed		rvation, Extent : Light, Area			4	\$400	
		Basement	Пусстей	. 10070			
		on : Domestic Coil No Stora	a o				
Sanitary Piping	Елринин	m . Domesiic Con no stora	50				
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIIL		1		
Cast Iron	100%		LIFE	* *	1		
Fixtures	10070		LIIL		1		
Generic	100%						
Generic	10070						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Address : 139 SGT. BEERS LANE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.139 / 14323 Yr Built/Renovated :

Area Sq Ft : 9,381 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Roof, Floors 1,2

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$47,400	
Interior Architecture	\$41,400	\$103,500
Total	\$88,800	\$103,500
Importance Code A	\$47,400	
Importance Code B	\$41,400	\$103,500
Total	\$88.800	\$103.500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$40,400			
Interior Architecture	\$24,300	\$700		\$1,400
Electrical	\$5,500			
Total	\$70,100	\$700		\$1,400
Importance Code A	\$40,400			
Importance Code B	\$5,500	\$700		\$1,400
Importance Code C	\$24,300			
Total	\$70,100	\$700		\$1,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Asset #: 14323

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls	5 00/ 3 5	2016			
Alum/Vinyl Siding	50% Now \$11,100 Broken/Missing Elements, Extent: Mod Location: Front Facade Other Observation, Extent: Severe, Ar Location: Throughout Facade	-			
	Explanation: Vegetation Growth				
Masonry: Brick	50% Now \$25,200 Vegetation Growth, Extent : Light, Are Location : Throughout Exterior Faca		5	\$15,300	
Windows					
Aluminum	100% 4+ \$47,400 Broken/Missing Elements, Extent : Mod Location : Throughout	2042 ** derate, Area Affected : 25%	5	\$2,600	
Roof					
Asphalt Shingle	100%	2029 **	10	\$4,100	
nterior					
Floors Cast in Place Concrete	5% Other Observation, Extent: Moderate, Location: Basement Explanation: No Access	LIFE ** Area Affected : 100%	5	\$1,400	
Ceramic Tile	10%	2035 **	5	\$1,300	
Vinyl Tile	85% Now \$41,400 Loose/Delam Surface, Extent : Modera Location : Throughout	2026 \$103,500 te, Area Affected : 40%	3	\$4,200	
	Other Observation, Extent: Severe, Ar Location: Throughout Explanation: Debris And Abandonea		iere		
Interior Walls Ceramic Tile	5% Now \$2,500 Cracking/Crumbling, Extent: Moderat Location: Bathrooms.	2035 * * * e, Area Affected : 10%	5	\$400	
Gypsum Board	95% Now \$21,800 Cracking/Crumbling, Extent: Moderat Location: Throughout Paint Peeling, Extent: Severe, Area Af Location: Throughout		5	\$9,600	
Ceilings Gypsum Board	100% Other Observation, Extent: Moderate, Location: Throughout Explanation: Paint Peeling	LIFE ** Area Affected : 50%	5	\$16,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Asset #: 14323

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location:	и те с.		
Dagayyay	Explanation: Building Is Abandoned;	Used For Storage		
Raceway Not Accessible	100%			
Not Accessible	Other Observation, Extent : Light, Area	Affected : 0%		
	Location:	Tijjeetea . 070		
	Explanation: Building Is Abandoned;	Used For Storage		
Panelboards	7 =			
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location:			
	Explanation: Building Is Abandoned;	Used For Storage		
Wiring				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location:			
G	Explanation: Building Is Abandoned;	Used For Storage		
Ground Grounding Devices				
Not Accessible	100%			
Not Accession	Other Observation, Extent : Light, Area	Affected: 0%		
	Location:	12,000000 1 0 7 0		
	Explanation: Building Is Abandoned;	Used For Storage		
Lighting		<u> </u>		
Interior Lighting				
Incandescent	10% Now \$5,000	2036 **	2	
	Not in Service, Extent : Light, Area Affe	cted : 100%		
	Location : All Floors			
No Component	90%			
Exterior Lighting				
HID	25% Now \$500	2031 **		
	Not in Service, Extent: Light, Area Affe	ctea : 100%		
	Location: Front Entrance Light			
No Component	75%			

Mechanical	Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Asset #: 14323

Mechanical		Current R	epair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
			xtent : Light, Area	Affected	l : 0%			
		: Entire Bu						
	Explanat	ion : Buildi	ng Unoccupied In	Very Po	or Condition			
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices	1000/							
Not Accessible	100%							
Air Conditioning								
Energy Source	1000/							
Not Accessible	100%							
Conversion Equipment	1000/							
Not Accessible	100%							
Distribution	1000/							
Not Accessible	100%							
Terminal Devices	1000/							
Not Accessible	100%							
Heat Rejection Not Accessible	1000/							
	100%							
Dehumidifier Not Accessible	100%							
Ventilation	100%							
Distribution								
Not Accessible	100%							
Exhaust Fans	10070							
Not Accessible	100%							
Plumbing	10070							
H/C Water Piping								
Not Accessible	100%							
Water Heater	10070							
Not Accessible	100%							
HW Heat Exchanger								
Not Accessible	100%							
Sanitary Piping								
Not Accessible	100%							
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Pool Filter/Treatment								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Asset #: 14323

Mechanical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated C (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Not Accessible	100%						
Vertical Transport							
Elevators							
Not Accessible	100%						
Escalators							
Not Accessible	100%						
Fire Suppression							
Standpipe							
Not Accessible	100%						
Sprinkler							
Not Accessible	100%						
Fire Pump		·					
Not Accessible	100%						
Chemical System							
Not Accessible	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Address : 309 PRATT AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.309 / 13755 Yr Built/Renovated : 1897 /

Area Sq Ft : 4,874 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Floors 1

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$57,600
Interior Architecture	\$41,900	\$494,300
Total	\$41,900	\$551,900
Importance Code A		\$57,600
Importance Code B	\$41,900	\$370,600
Importance Code C		\$123,700
Total	\$41,900	\$551,900

EVDENCE	EV 2040	EV 2020	EV 2024	EV 2022
		7)		* <i>)</i>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,800			\$5,800
Interior Architecture	\$72,200	\$1,500	\$25,200	\$400
Electrical	\$16,600	\$100	\$16,300	\$100
Mechanical	\$2,200	\$800	\$11,800	\$600
Total	\$102,900	\$2,400	\$53,300	\$6,900
Importance Code A	\$12,300	\$500	\$500	\$6,300
Importance Code B	\$49,400	\$1,900	\$52,700	\$600
Importance Code C	\$41,100			
Total	\$102,900	\$2,400	\$53,300	\$6,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset #: 13755

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Cast in Place Concrete	Cracking/C	Now Crumbling, : Entrance	\$11,800 Extent : Severe, A	LIFE rea Affec	* * rted : 100%	5	\$19,200	
Masonry: Brick	Location Vertical Cr	: Various racks, Exte	nt : Light, Area Af			5	\$57,600	
		: Shed Add	dition					
Masonry: Granite	20%			LIFE	* *	5	\$11,500	
Windows Aluminum	100%			2042	* *	5	\$11,600	
Roof Asphalt Shingle	100%			2035	* *	10	\$9,000	
Interior								
Floors Cast in Place Concrete	_	_	\$24,300 Extent : Moderate out Basement Floo	-	* * ffected : 10%	5	\$46,800	
Ceramic Tile	5%			2035	* *	5	\$3,100	
Quarry Tile	Location	: Through		2031 Affected	* *	5	\$50,500	
		ion : Terra	icotta Tile.					
Vinyl Tile	5%			2031	* *	3	\$1,500	
Interior Walls Ceramic Tile	Broken/Mi	Now ssing Elem : Bathroon	\$14,300 nents, Extent : Mod ns.	2029 erate, Ar	* * rea Affected : 20%	5	\$1,200	
Masonry: Brick		Now ice, Extent	\$10,100 : Moderate, Area	LIFE Affected	**			
			out Basement Wall					
Granite Panels	Efflorescen		\$16,700 : Severe, Area Affo out Basement	LIFE ected : 40	**			
Wood	65%			LIFE	* *	5	\$123,700	
Ceilings								
AcousTileConcealSpLn	Broken/Mi	-	\$6,500 nents, Extent : Seve out Main Floor Ce		\$323,700 Affected : 20%	5	\$22,900	
Exposed Strue: Wood	Split/Crack		\$41,900 : Light, Area Affed Locations Through					
Plaster	20%			LIFE	* *	5	\$7,600	
Plaster	20%			LIFE	* *	5	\$7,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset #: 13755

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Molded Case Bkrs	100%	2036 **	5 \$100	
	Other Observation, Extent: Light, A	Area Affected : 100%		
	Location: In Basement			
	Explanation: 1-100 Amperes Serv	rice Switch.		
Raceway				
Conduit	100%	2026 \$4,100	1	
Panelboards				
Molded Case Bkrs	100%	2034 **	5 \$100	
Wiring				
Thermoplastic	100%	2026 \$8,900	1	
Motor Controllers				
Locally Mounted	100%	2024 \$7,800	5	
Ground				
Grounding Devices				
Generic	100%	LIFE **	5 \$100	
	Other Observation, Extent: Light, A			
	Location : In Basement Under Step	ps.		
	Explanation: Grounding Device			
Lighting				
Interior Lighting	1000/	2021 #11 600	10 04.700	
Fluorescent	100%	2021 \$11,600	10 \$4,500	
	T-12 Lamps And Fixtures, Extent: I	Light, Area Affectea : 100%		
	Location : Throughout			
Egress Lighting	500/	2026 02.600	10 000	
Emergency, Battery	50%	2026 \$3,600	10 \$600	
Exit, Battery	50%	2026 \$2,400	10 \$200	
Alarm				
Fire/Smoke Detection	700/			
No Component	70%	00 2026 **	1.2 0000	
Generic, Analog	30% 4+ \$16,50	2030	1-3 \$800	
	Local/Battery Operated Detect, Exte	eni : Lignī, Area Affectea : 100	7/0	
	Location : Throughout			

Mechanical	Current Repair	Future Replace	ment	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$1,500	
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location: Basement					
	Explanation: 2 - 275 Gallon Tanks					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset #: 13755

Mechanical		Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	\$4,800	
			nt : Light, Area	Affected	: 50%			
		: Basement	01.1					
D' - '1 - '	Explana	ion : Unit 6 Y	ears Old					
Distribution	1000/			2026	* *	4	¢400	
Central Plant Steam Piping/Pmp	100%			2036		4	\$400	
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	\$1,600	
Air Conditioning	10070			2031		1	\$1,000	
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$10,400	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Electric	100%	2-4	\$1,600	2026	\$1,600	4		
		-	t : Light, Area A	Affected :	50%			
		: Basement						
			nt : Light, Area	Affected	: 100%			
		: Basement						
	Explana	ion : 1 Unit	50 Gallons					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Plastic/PVC	100%			2039	* *	1		
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Address : 318 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.318 / 13761 Yr Built/Renovated : 1926 /

Area Sq Ft : 12,966 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Roof, Floors 1

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

Total



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Asset #: 13761

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated Co Total (Years)	St Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
100%			
100%			
100%			
100%			
100%			
100%			
100%			
	% of Fail Date Estimated Co Total (Years) 100% 100% 100% 100% 100%	% of Fail Date Estimated Cost Total (Years)	No of Total Fail Date Estimated Cost Year Estimated Cost Cycle (Yrs)

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location : Entire			
	Explanation: Building Abandoned. Ol	d Y m c a 10 Years Unocc	unied	

	Location : Entire
	Explanation: Building Abandoned. Old Y.m.c.a. 10 Years Unoccupied.
Transformers	
Not Accessible	100%
Switchgear / Switchboard	
Not Accessible	100%
Raceway	
Not Accessible	100%
Panelboards	
Not Accessible	100%
Wiring	
Not Accessible	100%
Motor Controllers	
Not Accessible	100%
ound	
Grounding Devices	
Not Accessible	100%
and-by Power	
Transfer Switches	
Not Accessible	100%
Generators	
Not Accessible	100%

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Asset #: 13761

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated C (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power							
Batteries							
Not Accessible	100%						
Fuel Storage							
Not Accessible	100%						
Lighting							
Interior Lighting							
Not Accessible	100%						
Egress Lighting							
Not Accessible	100%						
Exterior Lighting							
Not Accessible	100%						
Lightning Protection							
Arresters/Cabling							
Not Accessible	100%						
Alarm							
Security System							
Not Accessible	100%						
Fire/Smoke Detection							
Not Accessible	100%						

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout			
	Explanation: Building Abandoned An	d Unsafe To Enter		
Conversion Equipment				
Not Accessible	100%			
Distribution				
Not Accessible	100%			
Terminal Devices				
Not Accessible	100%			
Air Conditioning				
Energy Source				
Not Accessible	100%			
Conversion Equipment				
Not Accessible	100%			
Distribution				
Not Accessible	100%			
Terminal Devices				
Not Accessible	100%			
Heat Rejection				
Not Accessible	100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Asset #: 13761

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Dehumidifier	1000/							
Not Accessible Ventilation	100%							
Distribution								
Not Accessible	100%							
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Not Accessible	100%							
Water Heater	1000/							
Not Accessible	100%							
HW Heat Exchanger Not Accessible	100%							
Sanitary Piping	10070							
Not Accessible	100%							
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Pool Filter/Treatment	4000/							
Not Accessible	100%							
Sewage Ejector(s) Not Accessible	100%							
Backflow Preventer	10070							
Not Accessible	100%							
Fixtures	10070							
Not Accessible	100%							
Vertical Transport								
Elevators								
Not Accessible	100%							
Escalators	1000/							
Not Accessible	100%							
Fire Suppression Standpipe								
Not Accessible	100%							
Sprinkler	10070							
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							
Chemical System								
Not Accessible	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG, # 325 EMS ACADEMY

Address : 325 PRATT AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.325 / 13739 Yr Built/Renovated : 1894 /

Area Sq Ft : 31,892 Project Type : FIRE DEPARTMENT

Date of Survey : 29-May-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$463,400	\$65,300
Electrical	\$74,100	\$59,100
Mechanical	\$125,600	\$401,800
Total	\$663,100	\$526,300
Importance Code A	\$589,000	\$65,300
Importance Code B	\$74,100	\$461,000
Total	\$663,100	\$526,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$42,700			
Interior Architecture	\$48,400		\$1,200	\$6,900
Electrical	\$2,900	\$5,000	\$25,900	\$2,400
Mechanical	\$1,900	\$2,900	\$13,300	\$3,700
Total	\$95,900	\$7,900	\$40,400	\$13,000
Importance Code A	\$43,500	\$1,600	\$1,600	\$1,600
Importance Code B	\$52,400	\$6,300	\$37,600	\$11,400
Importance Code C			\$1,200	
Total	\$95,900	\$7,900	\$40,400	\$13,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13739

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Cast Stone/Terra Cotta	5%	3.7	4267.5 00	LIFE	* *	5	\$30,000	
Masonry: Brick	35%		\$265,500	LIFE	**	5	\$26,900	
		_	ents, Extent : Mod sonry Walls At Exte					
			l, Extent : Severe, 1					
			ı, Extent . Severe, 1 um/ Locker Room		eciea . 570			
		-	um/ Locker Koom , Extent : Severe, A	_	cted : 5%			
		-	, Extent . Severe, A um/ Locker Room		ciea . 570			
Maganery Driet	50%	- Jiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Locker Room		* *	5	\$38,400	
Masonry: Brick Stucco Cement		Now	\$6,100	LIFE 2031	* *	5 5	\$38,400 \$4,800	
Stucco Cement			Extent : Light, Are			3	\$4,000	
			Stairs Foundation		ea . 10/0			
Wood		Now	\$11,000	2043	* *	5	\$0.600	
wood			: Severe, Area Aff			3	\$9,600	
		_	. severe, Area Ajj um Wing Eaves	естей. Т	0070			
		-	: Moderate, Area .	Affected	· 40%			
			um Wing Eaves	ijjeerea	. 1070			
Windows			0					
Aluminum	100%			2034	* *	5	\$11,600	
Roof							· · · · · · · · · · · · · · · · · · ·	
Asphalt Shingle	98%	0-2	\$19,800	2022	\$197,900			
			xtent : Light, Area	Affected	: 5%			
	Location:	Over Cla	ssrooms					
Metal Panel	2%			2043	* *	10	\$2,000	
	Other Obser	rvation, E	xtent : Light, Area	Affected	! : 100%			
	Location:	Covered	Area Over Front 1	Door				
	Explanatio	on : Stand	ing Seam Metal Ro	oof				
Interior				_		_		
Floors				• • • •		_		
Ceramic Tile	10%			2039	**	5	\$6,100	
Vinyl Tile	90%		T T . I	2031	**	3	\$27,500	
			Extent : Light, Are		ea : 30%			
		-	um Locker Room \ Extent : Light And	_	4 - 100/			
	-	_	Extent : Light, Are t In Main Building		u . 1070			
			i in маіп Бинаінд : Light, Area Affed		2/2			
	Location :			леи . 50)	/ U			
	Locanon:	1 mough	ııı					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13739

Architecture		Current Rep	oair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	\$2,400	
	Recent Co.	nstruction, Ex	tent : Light, Are	ea Affecte	ed : 40%			
	Location	: Gymnasium	Locker Room V	Ving				
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,000	
Gypsum Board	35%			LIFE	* *	5	\$10,000	
71	Recent Rep	place Evident,	Extent : Light,	Area Aff	fected : 50%			
	Location	: Locker Roo	m, Toilets, Gym	nasium				
	Repairs in	Progress, Ext	tent : Light, Are	a Affecte	ed : 50%			
	Location	: Basement C	Construction					
Plaster	55%			LIFE	* *	5	\$7,900	
Ceilings								
AcousTileSusp.Lay-In	40%			2039	* *	5	\$24,500	
Plaster	60%	Now	\$26,300	LIFE	* *	5	\$22,900	
	Cracking/0	Crumbling, Ex	ctent : Severe, A	rea Affe	cted : 40%			
	Location	: Below Kitch	hen, Main Boile	r Room				
	Paint Peel	ing, Extent : 1	Light, Area Affe	cted : 20	%			
	Location	: 3rd Floor C	Classrooms					
	Water Pen	etration, Exte	nt : Severe, Are	a Affecte	ed : 60%			
			hen, Main Boile					

ectrical	Current Repair	Future F	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent: Light, A	rea Affected : 1	100%			
	Location: Basement Rear Wing.					
	Explanation: 600 Amperes Service	e Switch.				
Switchgear / Switchboard						
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent: Light, A	rea Affected : 1	100%			
	Location: Basement Rear Wing.					
	Explanation: Recently Installed Ed	quipment.				
Raceway						
Conduit	20%	2046	* *	1		
Conduit	80%	2026	\$3,300	1		
Panelboards						
Molded Case Bkrs	10%	2042	* *	5	\$100	
Molded Case Bkrs	90%	2025	\$14,700	5	\$800	
Wiring						
Thermoplastic	10%	2046	* *	1		
Thermoplastic	90%	2026	\$8,000	1		
Motor Controllers			-			
Locally Mounted	100%	2031	* *	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13739

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground Grounding Devices Generic	100% Other Observation, Extent : Ligh Location : Basement	LIFE at, Area Affected : 10	**	5	\$500	
7. 11 P	Explanation: Ground Wires C	onnect To Ground Re	od And Water	Main		
Stand-by Power						
Transfer Switches Automatic	100%	2039	* *	1	\$9,800	
Generators	10070	2039		1	\$3,800	
Diesel	100%	2035	* *	1	\$12,400	
Breser	Other Observation, Extent : Light Location : Building Exterior		0%	1	Ψ12,100	
	Explanation: 250 Kw Generat	or Installed In 2014				
Batteries						
Lead/Acid	100%	2020	\$1,600	5	\$1,200	
Fuel Storage Main Tank	100%	2054	* *	5	\$900	
Lighting					4,,,,	
Interior Lighting Fluorescent	50% T-12 Lamps And Fixtures, Exten	2021	\$38,100	10	\$14,600	
	Location: Building 325 (Front		ей . 100/0			
LED	50% Other Observation, Extent : Ligh		* * 0%			
	Location: Building 325 (Rear Explanation: Led Lighting Rea	= '				
Egress Lighting	2.17 (2.11.11.11.11.11.11.11.11.11.11.11.11.11	Triblettied				
Emergency, Service	50% Other Observation, Extent : Ligh Location : Throughout The Bu		\$8,600	1		
	Explanation: Recently Installe	-				
Exit, Service	50%	2031	* *	1		
Exit, Service	Other Observation, Extent : Light Location : Throughout The But	nt, Area Affected : 10 Elding	0%	1		
Exterior Lighting	Explanation : Recently Installe	a r ixiures.				
HID	45%	2026	\$59,100	10		
Incandescent	5%	2026	\$5,600	2		
No Component	50%	2020	Ψ2,000	-		
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic, Analog	10% Local/Battery Operated Detect, .	2021 Extent : Light, Area A	\$36,000 Affected: 1009	1-3	\$2,000	
	Location: Throughout		JJ	-		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13739

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating Energy Source Fuel Oil No 2	50% Other Observation, Extent : Light, Area Location : Exterior		5 \$4,900	
Fuel Oil No 2	Explanation: 1800 Double Wall Tank 50% Other Observation, Extent: Light, Area Location: Basement Explanation: 500 Gallon Double Wa	2046 * * a Affected : 100%	5 \$4,900	
Conversion Equipment Hot Water Boiler	50% Other Observation, Extent : Light, Area Location : Basement	2039 **	1 \$7,900	
Hot Water Boiler	Explanation: Serves Rear Building 50% Now \$125,600 Other Observation, Extent: Severe, Arc Location: Basement Explanation: Jacket Parts Missing O		1 \$7,100 ondition Is Very Poor.	
Distribution			<u> </u>	
Hot Wtr Piping/Pump	100%	2034 **	4 \$1,600	
Terminal Devices Convector/Radiator	100%	2031 **	1 \$10,300	
Air Conditioning Energy Source Electricity	100%	2042 **	1	
Conversion Equipment Split Unit	50% Other Observation, Extent: Light, Area Location: Throughout Explanation: Serves Rear Building	2026 \$347,700	•	
Window/Wall Unit	50% Other Observation, Extent: Light, Area Location: Throughout Explanation: Serves Front Building	2024 \$33,900 a Affected : 100%	1	
Distribution Ductwork/Diffusers	50% Other Observation, Extent : Light, Area Location : Throughout Explanation : Rear Building	LIFE ** a Affected : 100%	2 \$20,700	
No Component	50%			
Ventilation Distribution Ductwork/Diffusers No Component	20% 80%	LIFE **	2-5 \$3,600	
Exhaust Fans Roof Plumbing	100%	2026 \$54,100	2 \$1,000	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13739

echanical	Current Repair Future Replacement		e Replacement	Maintenance		
stem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
mbing						
H/C Water Piping						
Brass/Copper	50%	2046	* *	1		
Under Construction	50%					
Water Heater						
Oil Fired	100%	2024	\$27,000	1	\$900	
	Other Observation, Extent : Lig	ght, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2-90 Gallon U.	nits				
Sanitary Piping						
Cast Iron	50%	LIFE	* *	1		
Under Construction	50%					
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
No Component	50%					
Under Construction	50%					
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 332 FORMER THEATRE

Address : 332 PRATT AVENUE

Borough : QUEENS Agency's Number : 332
Program / Asset # : FIR0020.332 / 13766 Yr Built/Renovated : 1939 /

Area Sq Ft : 6,288 Project Type : FIRE DEPARTMENT

Date of Survey : 27-May-2015 Landmark Status : EXTERIOR, HISTORICAL DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,992,900	\$179,500
Interior Architecture	\$643,700	
Mechanical	\$254,600	\$240,200
Total	\$3,891,200	\$419,700
Importance Code A	\$3,034,500	\$179,500
Importance Code B	\$294,700	\$240,200
Importance Code C	\$562,100	
Total	\$3,891,200	\$419,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$30,300			
Interior Architecture	\$17,200			
Mechanical	\$36,300	\$600	\$2,700	\$600
Total	\$83,800	\$600	\$2,700	\$600
Importance Code A	\$30,300	\$600	\$600	\$600
Importance Code B	\$53,500		\$2,100	
Importance Code C				
Total	\$83,800	\$600	\$2,700	\$600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13766

rchitecture	Curre	nt Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior							
Exterior Walls	100/ 31	ф. 452.2 00	TIPE	* *	_	064.100	
Cast in Place Concrete	10% Now	+ ,	LIFE		5	\$64,100	
	_	ing, Extent : Moderat		ectea : 10%			
B		ous Locations Around		* *		#115.400	
Masonry: Brick	90% Now	. , ,	LIFE		5	\$115,400	
	_	th, Extent : Light, Area		: /3%			
		ous Locations Around	_	1 . 100/			
		Extent : Moderate, Ar		: 10%			
		ous Locations Around	_	1000/			
	Location : Entir	n, Extent : Light, Ared	а Ајјестеа :	100%			
		е винату uilding Is Abandoned.	Not In IIe	a			
Windows	Ехриниион . В	anaing is Abanaonea	. Ivoi In Os	е.			
Wood	100% Now	\$30,300	2051	* *	5	\$5,000	1
		Elements, Extent : Seve		ffected : 90%	3	ψ5,000	1
	_	ous Locations Around		99			
Roof							
Slate	100% Now	\$240,600	LIFE	* *			
		Elements, Extent : Mod		a Affected : 5%			
	Location : Vario			33			
terior							
Floors							
Sheet Vinyl/Rubber	10% Now		2036	* *	5	\$5,300	
		Extent: Light, Area	Affected : !	90%			
	Location : Secon						
		ng, Extent : Moderate	, Area Affe	cted : 100%			
	Location : Secon	nd Floor					
Not Accessible	40%						
	Other Observatio	n, Extent : Light, Ared	a Affected :	0%			
	Location: Base	ment					
	Explanation : F	looded					
Not Accessible	50%						
	Other Observatio	n, Extent : Light, Ared	a Affected :	0%			
	Location: First						
	Explanation : M	lost Doors Boarded C	losed. One	Door Obstructed	With De	ebris.	
Interior Walls							
Plaster	100% Now		LIFE	* *	5	\$19,300	
		ing, Extent : Moderat	e, Area Aff	ected : 50%			
	Location : Vario						
		sh, Extent : Light, Are	ea Affected	: 100%			
	Location : Vario	ous Locations					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13766

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Ceilings								
AcousTileConcealSpLn	Broken/M Location Misaligne	ı : Second I	Extent : Light, Are			5	\$900	
Plaster	Cracking/ Location Paint Pee	ı : Second I	: Moderate, Area			5	\$3,600	
Not Accessible	90%							

ectrical	Current Repair	Future Replacement	Maintenance						
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priorit					
der 600 Volts				•					
Service Equipment									
Not Accessible	100%								
	Other Observation, Extent: Light, Area Affected: 0%								
	Location: Throughout								
	Explanation: Building Is Abandoned								
Transformers									
Not Accessible	100%								
	Other Observation, Extent: Light, Area Affected: 0%								
	Location : Throughout								
	Explanation: Building Is Abandoned								
Switchgear / Switchboard									
Not Accessible	100%								
	Other Observation, Extent: Light, Area Affected: 0%								
	Location : Throughout								
	Explanation: Building Is Abandoned								
Raceway									
Not Accessible	100%								
	Other Observation, Extent : Light, Area	Affected: 0%							
	Location: Throughout								
=	Explanation: Building Is Abandoned								
Panelboards	1000/								
Not Accessible	100%	A.CC . 1 .00/							
	Other Observation, Extent : Light, Area	Affected: 0%							
	Location: Throughout								
	Explanation: Building Is Abandoned								

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13766

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Wiring	1000/			
Not Accessible	100% Other Observation, Extent : Light, Area	Affected : 0%		
	Location : Throughout	Affected . 0/0		
	Explanation: Building Is Abandoned			
Motor Controllers				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout			
Ground	Explanation: Building Is Abandoned			
Grounding Devices				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout			
	Explanation: Building Is Abandoned			
Stand-by Power				
Transfer Switches Not Accessible	100%			
Not Accessible	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout	12,1100.000 1 0 7 0		
	Explanation : Building Is Abandoned			
Generators				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout Explanation: Building Is Abandoned			
Batteries	Explanation . Buttaing is Abandoned			
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout			
	Explanation: Building Is Abandoned			
Fuel Storage	1000/			
Not Accessible	100%			
Lighting Interior Lighting				
Not Accessible	100%			
110711000001010	Other Observation, Extent : Light, Area	Affected: 0%		
	Location: Throughout			
	Explanation: Building Is Abandoned			
Egress Lighting	1000/			
Not Accessible	100%			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13766

Electrical	ectrical Current Repair		Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority				
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
	Other Observation, Extent : Light, Area	Affected: 0%						
	Location: Throughout							
	Explanation: Building Is Abandoned							
Alarm								
Security System								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location: Throughout							
	Explanation: Building Is Abandoned							
Fire/Smoke Detection								
Not Accessible	100%							
	Other Observation, Extent : Light, Area	Affected: 0%						
	Location: Throughout							
	Explanation: Building Is Abandoned							

Mechanical	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Fuel Oil	100% Now Abandoned in Place Location: Baseme		2056 rea Affect	* * ed : 100%	5	\$1,000	
Conversion Equipment	Boeanon : Baseme	7.00					
Steam Boiler	100% Now Abandoned in Place Location : Baseme		2046 rea Affect	* * ed : 100%	1	\$5,600	
Distribution							
Not Accessible	100%						
Terminal Devices Not Accessible	100%						
Air Conditioning							
Energy Source							
Electricity	100% Now Abandoned in Place Location : 2nd Fla		2051 rea Affect	* * ed : 100%	1		
Conversion Equipment Interior Pkg Unit - Cooling	100% Now	\$144,100	2027	\$240,200	2	\$300	
	Abandoned in Place Location : 2nd Flo		rea Affect	ed : 100%			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 332 FORMER THEATRE

Asset #: 13766

Mechanical	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Distribution							
Ductwork/Diffusers	100% Now	\$69,000	LIFE	* *	2	\$8,200	
	Abandoned in Place,		rea Affecte	ed : 100%			
	Location : 2nd Flo	or					
Plumbing							
H/C Water Piping							
Not Accessible	100%						
HW Heat Exchanger							
Not Accessible	100%						
Sanitary Piping							
Not Accessible	100%						
Storm Drain Piping							
Not Accessible	100%						
Sump Pump(s)							
Not Accessible	100%						
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Not Accessible	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 333 QUARTERMASTER

Address : 333 PRATT AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 17,602 Project Type : FIRE DEPARTMENT

Date of Survey : 27-May-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$398,000	\$36,500
Interior Architecture	\$168,900	
Electrical	\$39,800	\$37,700
Mechanical	\$113,800	\$44,200
Total	\$720,500	\$118,500
Importance Code A	\$398,000	\$36,500
Importance Code B	\$322,500	\$82,000
Total	\$720,500	\$118,500

Total	\$128,000	\$4,000	\$53,100	\$5,200
Importance Code C	\$300			
Importance Code B	\$42,300	\$2,400	\$51,400	\$3,600
Importance Code A	\$85,400	\$1,600	\$1,700	\$1,600
Total	\$128,000	\$4,000	\$53,100	\$5,200
Mechanical	\$35,600	\$3,000	\$38,600	\$2,200
Electrical	\$800	\$1,100	\$8,300	\$900
Interior Architecture	\$38,900		\$6,200	\$2,100
Exterior Architecture	\$52,700			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13767

Architecture		Current I	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	1.50/			2026	* *	10	Ф2 000	
Alum/Vinyl Siding Cast in Place Concrete	15%	Now	\$26.500	2036 LIFE	* *	10 5	\$2,000 \$10,800	
Cast in Place Concrete		Crumbling,	\$26,500 Extent : Light, Ar			3	\$10,800	
Masonry: Brick	Broken/Ma Location Jnt Mortan Location Vegetation	: Through r Miss/Eroo : Through	d, Extent : Light, A out Extent : Light, Arec	rea Affec	cted : 10%	5	\$30,100	
Masonry: Fieldstone		r Miss/Erod : Various	d, Extent : Light, A Locations	LIFE rea Affec	* * cted : 15%	5	\$3,200	
Windows								
Wood			nt : Light, Area Aff Locations, Due To			5	\$73,000	
Roof								
Asphalt Shingle	Water Pen	Now etration, E : Various	\$26,200 Extent : Light, Area Locations	2022 Affected	\$262,300 1:10%			
Interior Floors								
Cast in Place Concrete	Cracking/	Now Crumbling, : Basemen	\$2,800 Extent : Light, Ar	LIFE ea Affect	* * ed : 30%	5	\$10,800	
Ceramic Tile	Cracking/ Location Loose Uni	: First Flo ts, Extent :	\$3,100 Extent : Light, Ar oor Men And Wome Light, Area Affect oor Men And Wome	en Restro ed : 40%	ooms	5	\$200	
Sheet Vinyl/Rubber	10%			2034	* *	5	\$3,700	
Vinyl Tile	48% Patching I	Now Evident, Ex :: First Flo	\$109,700 tent : Light, Area A por	2036	* *	3	\$4,400	
Vinyl Tile 9" X 9"	Adhesion Location Broken/Mi	: Basemen	ents, Extent : Ligh			3	\$1,800	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13767

Architecture		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2029	* *	5	\$600	
Gypsum Board	38%			LIFE	* *	5	\$7,200	
Masonry: Brick	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	\$4,700	
Wood	5%			LIFE	* *	5	\$6,300	
	Location :		ent : Light, Area ot	Affected	: 100%			
Ceilings								
AcousTileSusp.Lay-In	50%			2031	* *	5	\$12,300	
Embossed Metal	2%	Now	\$4,700	LIFE	* *	5	\$200	
	Location : Paint Peelir	Basement	Extent : Light, A Light, Area Affec	55				
Gypsum Board	Location : Cracking/C	sing Elemen Basement	\$26,100 ts, Extent : Ligh xtent : Light, Are			5	\$14,800	

ectrical	Current Repair	Future R	Future Replacement		Maintenance				
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority			
der 600 Volts									
Service Equipment									
Fused Disc Sw	50%	2036	* *	5					
	Other Observation, Extent: Light, Ar Location: In Basement Storage Are Explanation: 400 Amperes Main Se	а	00%						
Fused Disc Sw	50%	2036	* *	5					
i used Disc 5w	Other Observation, Extent : Light, Ar		00%	3					
	Location : In Basement Storage Room								
	Explanation: 30 Amperes Fire Alar		Switch						
Raceway									
Conduit	90%	2026	\$3,700	1					
Conduit	10%	2036	* *	1					
Panelboards									
Molded Case Bkrs	80%	2025	\$6,500	5	\$400				
Molded Case Bkrs	20%	2034	* *	5	\$100				
Wiring									
Thermoplastic	80%	2026	\$7,100	1					
Thermoplastic	20%	2036	* *	1					
Motor Controllers									
Locally Mounted	100%	2024	\$15,700	5	\$100				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13767

Electrical	Current Rep	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground									
Grounding Devices									
Generic	100%		LIFE	* *	5	\$300			
Stand-by Power									
Transfer Switches									
Automatic	100%		2031	* *	1	\$5,400			
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement								
	Explanation: Emergency Power From Ems Academy Generator								
Lighting	1	<u> </u>							
Interior Lighting									
Fluorescent	96%		2026	\$37,700	10	\$14,500			
	Other Observation, Exte	ent : Light, Area	Affected	: 100%					
	Location: Throughout								
	Explanation: T-12 An	d T-8 Fixtures A	re In Use	2					
HID	4%		2021	\$5,900	10				
Egress Lighting				•					
Exit, Service	30%		2021	\$1,500	1				
No Component	70%								
Exterior Lighting									
HID	10%		2026	\$7,300	10				
Incandescent	2%		2026	\$1,200	2				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Front Of Bi	uilding							
	Explanation: Exterior	Explanation: Exterior Globes							
No Component	88%								
Alarm									
Security System									
No Component	80%								
Generic	20%		2026	\$11,600	1	\$1,300			
Fire/Smoke Detection									
No Component	80%								
Generic, Analog	20% 2-4	\$39,800	2036	* *	1-3	\$2,000			
-	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Throughout								
	Explanation: Obsolete	System							

Mechanical	Current Rep	Current Repair Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Fuel Oil No 6	100%	2026	\$44,200	5	\$5,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13767

Mechanical	Current Repair Future Rep		e Replacement N		aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment	1000/	2.4	Ф 22 (00	2021	* *	1	¢14.700	
Steam Boiler	100%	2-4	\$32,600	2031	ጥ ጥ	1	\$14,700	
	_		evere, Area Affecte et Flue Duct Needs		paired / Replaced			
			xtent : Light, Area		-			
			at Mechanical Room		. 100/0			
			ired Steam Boiler					
Distribution	· T							-
Central Plant Steam Piping/Pmp	100%	4+	\$113,800	2036	* *	4	\$800	
1 & 1	Corroded,	Extent : M	oderate, Area Affe	cted : 40	%			
	Location	: Basemen	t					
	Insul. Dete	eriorating,	Extent : Moderate,	Area Aff	ected : 50%			
	Location	: Basemen	t					
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	\$5,300	
Air Conditioning								
Energy Source	1000/			20.42	* *	1		
Electricity	100%			2042	~ ~ ~	1		
Conversion Equipment Split Unit	10%			2034	* *			
Split Ollit		tallation F	Extent : Light, Area		. 10%			
			t Data Room	119900104	. 10,0			
Window/Wall Unit	90%			2021	\$31,500	1		
Heat Rejection	7070			2021	ψ51,500			
Evaporative Condenser	100%			2031	* *	2	\$11,500	
Ventilation								
Exhaust Fans								
Roof	100%			2031	* *	2	\$500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2039	* *	1		
HW Heat Exchanger	1000/			2026	* *	4	#2 400	
Steam Fired	100%			2036	· · ·	4	\$2,400	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	100%			LIFE		1		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	100/0			LITE		1		
Not Accessible	100%							
Fixtures	10070							
Generic	100%							
	,							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 336 FLSTP BILLETS

Address : 336 SHORE ROAD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 23,732 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$40,500	\$87,400
Interior Architecture	\$51,700	\$114,700
Electrical		\$97,800
Mechanical	\$50,400	
Total	\$142,600	\$299,800
Importance Code A	\$40,500	\$87,400
Importance Code B	\$50,400	\$212,500
Importance Code C	\$51,700	
Total	\$142,600	\$299,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,100	_	_	\$2,100
Interior Architecture	\$17,600	\$4,200	\$2,700	\$306,600
Electrical	\$5,100	\$3,000	\$29,100	\$3,000
Mechanical	\$2,600	\$2,800	\$6,100	\$4,600
Total	\$28,500	\$10,000	\$37,800	\$316,400
Importance Code A	\$4,300	\$1,200	\$1,200	\$3,300
Importance Code B	\$24,200	\$5,100	\$36,600	\$313,100
Importance Code C		\$3,700		
Total	\$28,500	\$10,000	\$37,800	\$316,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13768

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	••		4.00			_	00.00	
Cast in Place Concrete		Now	\$600 Extent : Light, Are	LIFE	** ad · 1%	5	\$2,600	
	_	_	oom Entrance, Step					
Cast Stone/Terra Cotta	2%	. Botter It	som Emrance, step	LIFE	**	5	\$4,000	
Masonry: Brick	96%	0-2	\$40,500	LIFE	**	5	\$24,600	
wasoniy. Ditek	Other Obse		Extent : Moderate, 1		ected : 30%	3	\$24,000	
		_	Open Joints					
Windows	T. T							
Aluminum	98%			2042	* *	5	\$4,300	
Steel	2%	Now	\$2,500	2042	* *	5	\$500	
	Other Obse	ervation, E	Extent : Severe, Are	a Affecte	ed: 100%			
	Location	: Basemen	t Level, Washroon	ı Area				
	Explanat	ion : Deter	riorated Metal Win	dows				
Roof								
Built-Up (BUR)	100%			2026	\$87,400	10	\$17,500	
nterior								
Floors				• • • •	** *********			
Carpet	60%	3.7	4000	2022	\$296,000	3	\$42,500	
Cast in Place Concrete		Now	\$800	LIFE		5	\$7,800	
			xtent : Moderate, A et, Washroom Area		ectea : 00%			
) (m)		. Dusemen	n, washroom Area		* *		ФО ООО	
Mosaic Tile	10%			2039		5	\$8,900	
Sheet Vinyl/Rubber	10%			2026	\$114,700	5	\$5,300	
Vinyl Tile	10%			2026	\$32,900	3	\$1,300	
Interior Walls Cast in Place Concrete	100/	Now	\$51,700	LIFE	* *			
Cast in Place Concrete			\$31,700 tent : Moderate, Ai					
	_		at, Washroom Area		ieu . 270			
			xtent : Severe, Are		d · 5%			
			at, Washroom Area		a. 570			
C		. Busemen	ii, wasiiroom mea		* *	-	¢7.500	
Ceramic Tile	20% 60%			2035 LIFE	* *	5 5	\$7,500	
Concrete Masonry Unit		Trumblina	Extent : Moderate			3	\$9,000	
			t, Washroom Area		jjeciea . 2070			
Cymaum D1		. Busemen	i, musiii oom Aleu		* *	-	\$2.200	
Gypsum Board	10%			LIFE		5	\$2,200	
Ceilings AcousTileSusp.Lay-In	10%			2039	* *	5	\$3,500	
Plaster	90%			LIFE	**	5 5	\$3,300 \$19,900	
Fiasici		ina Extent	: Light, Area Affe			3	\$19,900	
		_	. Ligni, Area Ajjed or Reception Area		,			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13768

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent Location : Basement Serv Explanation : 800 Amper		**	5	\$100	
Transformers Dry Type	100% Other Observation, Extent Location : Outside Electr Explanation : Also Serves		**	5	\$100	
Switchgear / Switchboard Fused Disc Sw	100%	2052	* *	5	\$100	
Raceway Conduit	100%	2046	* *	1	4-50	
Panelboards Molded Case Bkrs	100%	2048	* *	5	\$600	
Wiring Not Accessible	100%					
Ground Grounding Devices Generic	Location: In Laundry Ro	LIFE : Light, Area Affected : 1009 om. nnection Partially Covered		5	\$300	
Stand-by Power Transfer Switches Automatic	100%	2031	**	1	\$7,300	
Generators Diesel	100% Other Observation, Extent Location : Building Exter Explanation : 80 Kva Ger		* *	1	\$9,200	
Batteries Lead/Acid	100%	2019	\$1,600	5	\$900	
Fuel Storage Main Tank	100% Other Observation, Extent Location : Building Exter Explanation : Belly Tank	2041 : Light, Area Affected : 1009 ior Near Boiler Room	**	5	\$700	
Lighting Interior Lighting Fluorescent	98%		**	10	\$21,300	
Incandescent	2%	2031	* *	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13768

Electrical		Current Repair Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Battery	70%		2031	* *	10	\$4,000	
Exit, Battery	30%		2026	\$7,100	10	\$500	
Exterior Lighting							
HID	100%		2026	\$97,800	10	\$100	
Alarm							
Fire/Smoke Detection							
Generic, Analog	100%		2036	* *	1-3	\$14,600	
_	Recent Ins	tallation, Extent : Light, Area	Affected	l : 100%			
	Location	: Throughout The Building					

Mechanical	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2046	* *	5	\$7,300	
	Other Observation, Extent : Lig	ht, Area Affected : 100	0%			
	Location : Rear Of Building					
	Explanation: 3,000 Gallon To	ınk With Spill Control	! / Above Grou	ınd		
Conversion Equipment						
Hot Water Boiler	100%	2031	* *	1	\$11,700	
Distribution						
Hot Wtr Piping/Pump	100%	2034	* *	4	\$1,200	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$7,700	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$50,400	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$2,300	
- 12 12 12 12 12 12	Other Observation, Extent : Lig		0%	-	4-,	
	Location: Basement	, 33				
	Explanation : Indirect Heating	Tank With 100 Galle	on Storage			
Sanitary Piping		,				
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	Lii L		-		
Cast Iron	100%	LIFE	* *	1		
Cast Hon	10070	LILD		1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13768

Mechanical	Current Repair	Future Replace	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Non-Submersible	100%	2031	* *	4	\$800	
•	Other Observation, Extent : Light, Are	ea Affected : 100%				
	Location: Basement					
	Explanation: Dual Pumps					
Backflow Preventer						
No Component	95%					
Generic	5%	2034	* *	1	\$100	
•	Other Observation, Extent : Light, Are	ea Affected : 100%				
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2046	* *	1-2	\$6,600	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING

Address : 405 WHISTLER AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.405 / 13772 Yr Built/Renovated : 1900 /

Area Sq Ft : 22,392 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$44,000	\$65,300
Electrical	\$9,200	\$48,100
Mechanical	\$45,300	
Total	\$98,500	\$113,400
Importance Code A	\$44,000	\$65,300
Importance Code B	\$54,500	\$48,100
Total	\$98.500	\$113 <i>4</i> 00

Fotal \$98,500 \$113,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,500	\$4,500		\$5,200
Interior Architecture	\$56,800	\$500		\$33,300
Electrical	\$2,100	\$3,900	\$2,200	\$2,100
Mechanical	\$3,100	\$3,700	\$6,600	\$3,400
Total	\$81,500	\$12,600	\$8,700	\$44,100
Importance Code A	\$21,800	\$6,700	\$2,500	\$7,500
Importance Code B	\$51,900	\$5,400	\$6,200	\$36,600
Importance Code C	\$7,800	\$500	·	,
Total	\$81,500	\$12,600	\$8,700	\$44,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING

Asset #: 13772

Architecture		Current Repair Fu		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Cast in Place Concrete	Cracking/	_	\$4,700 Extent : Light, Are Steps At Entry	LIFE ea Affect	* * ed : 15%	5	\$7,700	
Masonry: Brick	Broken/Mi Location	: Building	\$10,100 nents, Extent : Ligh Extension At Rear	•		5	\$15,400	
	_	Cracks, Ex : Chimney	tent : Moderate, Ai ,	rea Affec	ted : 1%			
Masonry: Brick	65%	· Cumucy	,	LIFE	* *	5	\$49,900	
Masonry: Granite	8%			LIFE	* *	5	\$4,600	
Wood	5%	Now	\$44,000	2031	* *	5	\$9,600	
	Location Split/Crac	: Roof Ea ked, Exten	t : Moderate, Area ves/ Soffits t : Moderate, Area ves/ Soffits					
Windows								
Aluminum	Glazing B	Now roken/Crac : North Si	\$1,100 eked, Extent : Light de	2042 , Area Aj	* * fected : 1%	5	\$600	
Aluminum	90%			2042	* *	5	\$10,500	
Roof Asphalt Shingle	Broken/Mi Location Water Pen	: Vent Cap etration, E	\$3,600 nents, Extent : Ligh to Located On Roof Extent : Moderate, A oof, Affecting Secon	Ts Missii Area Affe	ng ected : 8%	t		
Roll Roofing	10%			2025	\$24,200	5	\$9,000	
Interior								
Floors Carpet		oiscoloring	\$500 , Extent : Light, Ard r A/v Conference R		\$25,500 ed:30%	3	\$2,800	
Cast in Place Concrete	5%			LIFE	* *	5	\$6,700	
Mosaic Tile	2%			2039	* *	5	\$3,100	
Vinyl Tile			\$10,200 nents, Extent : Ligh r Cafeteria	2031 t, Area A	* * ffected : 2%	3	\$20,600	
Interior Walls			J					
Ceramic Tile	2%			2035	* *	5	\$1,000	
Concrete Masonry Unit	2%			LIFE	* *	5	\$400	
Masonry: Brick Plaster	2% 94% Water Pen		\$7,800 Extent : Moderate, A	LIFE LIFE	** **	5	\$13,400	
			nt Room B03, Secon					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING

Asset #: 13772

Architecture	chitecture Current Repai		Repair	air Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTile,Adhered	10%	Now	\$1,200	2031	* *	5	\$3,100	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 8%			
	Location	: Second F	Floor, Rooms 203,	210 And	Hallway			
AcousTileSusp.Lay-In	30%			2039	* *	5	\$18,300	
Plaster	60%	Now	\$26,300	LIFE	* *	5	\$22,900	
	Paint Peel	ing, Extent	: Light, Area Affe	cted : 10	%			
	Location	: 2nd Floo	r Classrooms					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 12%			
	Location	: Basemen	t Room B03, 2nd I	loor Off	ices.			

Electrical	Current Repair	Futur	e Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2046	* *	5	\$600			
	Other Observation, Extent : Light, Are	ea Affected	: 100%					
	Location: Basement							
	Explanation : 400 A Panel With Mai	n Breaker	Rated At 400a					
Transformers								
Dry Type	100%	2043	* *	5	\$100			
	Other Observation, Extent : Light, Are		: 100%					
	Location: Outside Next To Generate	r						
	Explanation: 112.5 Kva Transforme	r						
Raceway								
Conduit	33%	2052	* *	1				
Conduit	67%	2036	* *	1				
Panelboards								
Molded Case Bkrs	100%	2042	* *	5	\$600			
Wiring								
Thermoplastic	33%	2052	* *	1				
Thermoplastic	67%	2036	* *	1				
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$300			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Basement							
	Explanation: Ground Connected To	Main Wai	er Supply Line					
tand-by Power								
Transfer Switches								
Automatic	100%	2039	* *	1	\$6,900			
	Other Observation, Extent : Light, Are	ea Affected	: 100%					
	Location: Building Exterior							
	Explanation: 400 Amp							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING

Asset #: 13772

Electrical	Current Repair		e Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2035	* *	1	\$8,700	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location: Building Exterior					
=	Explanation: 80 Kw Cummins Ger	nerator				
Batteries	1000/	2020	01 (00	_	4000	
Lead/Acid	100%	2020	\$1,600	5	\$800	
Fuel Storage	1000/	2054	* *	_	Φ=00	
Main Tank	100%	2054	* *	5	\$700	
Lighting						
Interior Lighting	000/	2026	Φ40 100	10	Ø10.500	
Fluorescent	90%	2026	\$48,100	10	\$18,500	
	Other Observation, Extent: Light, A Location: Throughout	геа Ајјестеа	: 100%			
	Explanation: Using T8 And T12 L	amne				
T 1		-	* *	2	Ф100	
Incandescent	10%	2031	* *	2	\$100	
Egress Lighting	500/	2026	Φζ 000	1		
Emergency, Service	50%	2026	\$6,000	1		
Exit, Service	50%	2026	\$3,300	1		
Exterior Lighting	100/	2021	ΦΟ 200	10		
HID	10%	2021	\$9,200	10		
HID No Comment	50%	2031	* *	10		
No Component	40%					
Alarm						
Security System	700/					
No Component	70%	2021	* *	1	¢2 500	
Generic	30%	2031		1	\$2,500	

echanical	Current Repair	Future Replace	ment	M		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
ating						
Energy Source						
Fuel Oil No 2	100%	2046	* *	5	\$6,900	
	Other Observation, Extent: Light, Area	Affected: 100%				
	Location: Basement					
	Explanation : 2,000 Gallon Double W	all Monitored Tank				
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$22,200	
Distribution						
Central Plant Steam	100%	2036	* *	4	\$1,700	
Piping/Pmp					. ,	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$7,200	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING

Asset #: 13772

Mechanical	Current Repair	Future F	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Split Unit	5%	2031	* *			
	Other Observation, Extent: Light, A	Area Affected : 1	100%			
	Location: Room 200					
	Explanation : Refrigerant 410a					
Window/Wall Unit	95%	2021	\$45,300	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Oil Fired	100%	2024	\$19,000	1	\$700	
	Other Observation, Extent: Light, A	Area Affected : 1	100%			
	Location: Basement					
	Explanation : 1 - 70 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2026	\$3,500	4	\$500	
Backflow Preventer						
No Component	95%					
Generic	5%	2034	* *	1	\$100	
	Other Observation, Extent: Light, A Location: Basement	Area Affected : 1	100%			
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	80%					
Generic	20%	2046	* *	1-2	\$1,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL

Address : 415 WEAVER ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.415 / 13777 Yr Built/Renovated : 1906 /

Area Sq Ft : 9,894 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$37,300	
Interior Architecture	\$142,200	
Electrical	\$5,400	
Total	\$185,000	
Importance Code A	\$37,300	
Importance Code B	\$94,500	
Importance Code C	\$53,200	
Total	\$185,000	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$47,400			
Interior Architecture	\$30,900			
Electrical	\$30,600		\$17,400	\$100
Mechanical	\$1,300	\$1,500	\$6,800	\$1,700
Total	\$110,200	\$1,500	\$24,200	\$1,900
Importance Code A	\$48,300	\$900	\$1,000	\$900
Importance Code B	\$61,000	\$500	\$23,200	\$900
Importance Code C	\$800			
Total	\$110,200	\$1,500	\$24,200	\$1,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13777

rchitecture	Current Repa	ir	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior							
Exterior Walls	400/ 37	#10 5 00		* *	_	A (500	
Masonry: Brick	40% Now	\$10,700	LIFE	• •	5	\$6,500	
	Efflorescence, Extent : Me Location : A Side Front		Апестеа	: 10%			
14 D 11		Entrance		* *		# 4.000	
Masonry: Brick	30%		LIFE	* *	5	\$4,900	
Masonry: Granite	20%	¢27.200	LIFE	* *	5	\$2,400	
Wood	10% Now Paint Peeling, Extent: Mo	\$37,300	2039		5	\$4,100	
	Location: Throughout	neruie, Areu F	престеи	. 10070			
	Replacement Deteriorated	l Extent · Mod	lerate A	rea Affected · 15%			
	Location : Porch Floors						
	Other Observation, Exten						
	Location : Throughout	10 0 1	F1 4	15. 5. 1		•	
TT7' 1	Explanation : Rotted Wo	ood On Porch I	Floors A	nd Frieze Boards A	Above Po	orches.	
Windows Wood	100% Now	\$18,300	2051	* *	5	\$2,200	
wood	Glazing Broken/Cracked,			Factad : 10%	3	\$2,200	
	Location: Throughout	Extent . Light,	Агеи Ад	jecieu . 40/0			
	Thermally Inefficient, Ext	ent : Severe. Ai	rea Affea	rted: 100%			
	Location : All						
	Paint Peeling, Extent : Se	vere, Area Affe	ected : 10	00%			
	Location : All	. 35					
Roof							
Roll Roofing	30% 2-4	\$3,200	2028	\$15,900	5	\$2,900	
	Miss/Damaged Flashings,		erate, Ar	ea Affected : 20%			
	Location: Throughout I	Porch Roofs					
Slate	70% Now	\$15,200	LIFE	* *			
	Water Penetration, Extens	: Moderate, A	rea Affe	cted : 15%			
	Location: Attic Spaces	Below Roof, Cl	himney				
	Other Observation, Exten	t : Severe, Ared	a Affecte	d : 5%			
	Location : All.						
	Explanation : All Roof F	lashing Rusted	l And Oi	⁻ Lifting.			

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13777

rchitecture	Current F	Repair	Future	Replacement	M	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors	260/ 31	#2 000	LIEE	* *	-	Ø11 200	
Cast in Place Concrete	36% Now Cracking/Crumbling,	\$2,900	LIFE		5	\$11,300	
	Location: Through		, Агеа Ауј	eciea . 576			
Ceramic Tile	2% Now	\$1,200	2035	* *	5	\$100	
	Broken/Missing Elem Location : Broken /			a Affected : 10%			
Vinyl Tile	2% Now	\$2,700	2036	* *	3	\$100	
•	Other Observation, E	Extent : Severe, Are	a Affected	: 15%			
	Location: Kitchen	And Storage Area	On A Side				
	Explanation: Vinyl	Floor Has Gaps M	Iissing Pie	eces And Delamin	ation.		
Wood	40% 0-2	\$20,600	2054	* *	5	\$5,400	
	Deteriorated Finish,		ea Affecte	d : 40%			
	Location: Through	out					
Wood	20%		2054	* *	5	\$5,400	
Interior Walls							
Ceramic Tile	2% Now	\$800	2035	* *	5	\$100	
	Broken/Missing Elem Location : Bathroom		t, Area Aff	fected : 4%			
Gypsum Board	2%		LIFE	* *	5	\$200	
Masonry: Brick	5%		LIFE	* *			
Metal Panel	2%		LIFE	* *			
Granite Panels	15%		LIFE	* *			
Plaster	74% Now	\$53,200	LIFE	* *	5	\$3,000	
	Broken/Missing Elem Location : A Side, T		re, Area Ą	ffected : 20%			
	Deteriorated Finish,	Extent : Severe, Ar	ea Affecte	d : 60%			
	Location: Through	out, Mostly A Store	ige Side				
Ceilings							
Embossed Metal	15%		LIFE	* *	5	\$1,000	
Plaster	85% Now	\$89,100	LIFE	* *	5	\$7,800	
	Loose/Delam Surface Location : Through		Area Affect	ted : 40%			

Electrical	Current Repair	Future Repla	cement	М	aintenance	
system Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5		
	Other Observation, Extent : Light, Area	Affected: 100%	, i			
	Location: Basement					
	Explanation: 2-100 Amperes Service	Switches				
Raceway			•			•
Conduit	100%	2036	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13777

Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$300	
Wiring								
Braided Cloth	70%	0-2	\$6,200	2051	* *	1		
	Insulation 1	Aged, Exte	nt : Light, Area Af	fected : 1	100%			
	Location	: Through	out The Building					
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	\$100	
Generic	50%	Now	\$2,600	LIFE	* *	5	\$100	
	Other Obse	ervation, E	xtent : Light, Area	Affected	! : 50%			
	Location	: Basemen	t Building 415a					
	Explanati	ion : Grou	nd Wire Not Conne	ected To	Clamp On Water F	Pipe.		
Lighting								
Interior Lighting								
Fluorescent	10%			2026	\$2,300	10	\$900	
Incandescent	10%			2021	\$5,400	2		
Incandescent	80%	Now	\$21,800	2031	* *	2	\$100	
	Other Obse	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: Through	out The Building					
	Explanati	ion : Dame	aged Fixtures And	Missing 1	At Some Locations	•		
Exterior Lighting								
HID	50%			2031	* *	10		
Incandescent	50%			2021	\$17,300	2		

Current Repair	Future I	Replacement	M	aintenance	
% of Fail Date Estim Total (Years)	ated Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2036	* *	5	\$3,000	
Other Observation, Extent:	Light, Area Affected :	100%			
Location: Basement					
Explanation: 2 - 275 Galle	on Tanks				
100%	2039	* *	1	\$9,500	
Other Observation, Extent:	Light, Area Affected :	100%			
Location: Basement Mech	anical Room				
Explanation: (2) Oil Fired	l Steam Boiler.				
100%	2036	* *	4	\$700	
100%	2031	* *	1	\$3,100	
	% of Fail Date Estim Total (Years) 100% Other Observation, Extent: Location: Basement Explanation: 2 - 275 Galle 100% Other Observation, Extent: Location: Basement Mech Explanation: (2) Oil Fired 100%	% of Fail Date Estimated Cost Total (Years) 100% 2036 Other Observation, Extent: Light, Area Affected: Location: Basement Explanation: 2 - 275 Gallon Tanks 100% 2039 Other Observation, Extent: Light, Area Affected: Location: Basement Mechanical Room Explanation: (2) Oil Fired Steam Boiler. 100% 2036	% of Fail Date Estimated Cost Total (Years) 100% 2036 ** Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 2 - 275 Gallon Tanks 100% 2039 ** Other Observation, Extent: Light, Area Affected: 100% Location: Basement Mechanical Room Explanation: (2) Oil Fired Steam Boiler. 100% 2036 **	% of Total (Years) 100% 2036 ** 5 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 2 - 275 Gallon Tanks 100% 2039 ** 1 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Hexplanation: 2 - 275 Gallon Tanks 100% 2039 ** 1 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Mechanical Room Explanation: (2) Oil Fired Steam Boiler.	Work Fail Date Estimated Cost Year Estimated Cost (Yrs) Estimated Cost (Yrs)

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13777

Mechanical	Current Repai	ir Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	20%	2021	\$4,100	1		
No Component	80%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$900	
	Other Observation, Extent	: Light, Area Affected :	100%			
	Location: Basement					
	Explanation: Domestic	Coils, 40 Gallon Storage	B Side			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG,# 134 A AND B 1B MEDICAL BOARD

Address : 134 SGT. BEERS AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.134 / 13741 Yr Built/Renovated : 1938 /

Area Sq Ft : 4,339 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$42,500	
Total	\$42,500	
Importance Code A	\$42,500	
Total	\$42,500	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$35,800			
Interior Architecture	\$5,500		\$4,700	
Electrical	\$6,200		\$3,900	
Mechanical	\$300	\$300	\$8,900	\$600
Total	\$47,800	\$300	\$17,500	\$600
Importance Code A	\$36,000	\$200	\$200	\$200
Importance Code B	\$6,500	\$100	\$17,300	\$400
Importance Code C	\$5,400			
Total	\$47,800	\$300	\$17,500	\$600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD

Asset #: 13741

Architecture	Cui	rent Repair		Futur	e Replacement	M	aintenance	
System Component Type		Date Estin	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Cast in Place Concrete	10% No Broken/Missing Location: Ex Spalling, Exten Location: Ex	Elements, E terior Stairs t : Moderate	And Railing , Area Affec		* * ea Affected : 15%	5	\$3,900	
Cement-Fiber Panel	5% No)W	\$1,200	2031	* *			
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Worn/Eroded, I Location: Th	Extent : Mod			: 40%			
Masonry: Brick	55% No)W	\$42,500	LIFE	* *	5	\$4,300	
·	Int Mortar Mis. Location : Th		nt : Moderai	te, Area A	Affected : 30%			
Masonry: Brick	15%			LIFE	* *	5	\$1,200	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,300	
Wood	10% No)W	\$17,900	2039	* *	5	\$2,000	
	Deteriorated For Location: Ea Paint Peeling, I Location: Th	ves, Soffits, (Extent : Mod	Gables					
Windows								
Aluminum	100%			2048	* *	5	\$2,100	
	Recent Replace Location : Th		tent : Light,	Area Affa	ected : 100%			
Roof								
Asphalt Shingle	85%			2035	* *	10	\$1,400	
Copper/Terne	15% No Other Observat Location : Ro	ion, Extent : of Surface						
	Explanation:	Flashing M	isaligned An	d Deterio	orated.			
nterior								
Floors	100/					_	01.2 00	
Cast in Place Concrete	10%		#100	LIFE	* *	5	\$1,200	
Ceramic Tile	5% 4 Cracking/Crum Location: 2nd Recent Installar	bling, Exten d Floor Bath	room.		ed : 5%	5	\$100	
	Location: 1st			тујестеи	. 50/0			
Vinyl Tile	5%			2036	* *	3	\$100	
v myr i ne	Recent Constru Location : Th		t : Light, Are			3	φ100	
Wood	80%			2066	* *	5	\$8,500	
	Recent Replace Location : Th		tent : Light,		ected : 100%	-	+ = ,= = 0	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD

Asset #: 13741

Architecture		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	\$300	
		ıstruction, Ex : 1st Floor B	ctent : Light, Are athrooms	a Affecte	ed : 65%			
Gypsum Board	40%			LIFE	* *	5	\$1,400	
Masonry: Brick	10%	Now	\$4,800	LIFE	* *		. ,	
	Location Spalling, E	: Basement	Moderate, Area Area Area Area Affect					
Plaster	Location Water Pene	: Basement S	\$400 Light, Area Affec tairwell nt : Moderate, A			5	\$800	
Ceilings								
AcousTileSusp.Lay-In	15%			2046	* *	5	\$800	
		struction, Ex : 1st Floor B	ctent : Light, Are athroom	a Affecte	ed : 100%			
Plaster	85%			LIFE	* *	5	\$3,000	

lectrical	Current Repa	air Future	Replacement	M	laintenance	
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2046	* *	5		
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Basement Bu	ildings A And B				
	Explanation: Two (2) I	Sused Disconnect Service	e Switches			
Molded Case Bkrs	50%	2046	* *	5	\$100	
	Other Observation, Exten	t : Light, Area Affected	: 100%	-	,	
	Location : Basement Bu					
	Explanation: Two (2) E	=				
Raceway	•					
Conduit	75%	2026	\$3,100	1		
Conduit	25%	2046	* *	1		
Wiring						
Braided Cloth	70% 0-2	\$6,200 2051	* *	1		
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Throughout	The Building				
	Explanation: Old Brittl	e Insulation Falling Off	:			
Thermoplastic	30%	2036	* *	1		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD

Asset #: 13741

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	99%	2031	* *	10	\$3,400	
	T-8 Lamps And Fixtures, Ex	tent : Light, Area Affect	ted : 100%			
	Location : Throughout The	e Building				
Incandescent	1%	2021	\$200	2		
Egress Lighting						
Exit, Battery	100%	2031	* *	10	\$300	
Exterior Lighting						
HID	75%	2026	\$13,400	10		
No Component	25%					

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$1,200	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Basement					
	Explanation : A Side - 1 275 Gallon	Tank B Side	- 2 275 Gallon T	Tanks		
Conversion Equipment						
Hot Water Boiler	100%	2039	* *	1	\$1,900	
Distribution						
Hot Wtr Piping/Pump	100%	2034	* *	4	\$200	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$1,200	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$8,000	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
	No Water Meter, Extent : Light, Area	Affected: 10	0%			
	Location : A Side					
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$400	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location : Basement					
	Explanation : A Side - Domestic Coi	l / No Storag	ge; B Side - Dome	estic Coi	l With 40 Gallons	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD

Asset #: 13741

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Storm Drain Piping				
Cast Iron	100%	LIFE **	1	
Fixtures				
Generic	100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS

Address : 316 SGT. BEERS AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.316 / 13759 Yr Built/Renovated : 1933 /

Area Sq Ft : 4,287 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,600			\$1,300
Interior Architecture	\$8,900	\$200	\$3,400	\$100
Electrical	\$11,800		\$17,000	
Mechanical	\$300	\$300	\$9,500	\$700
Total	\$40,600	\$500	\$29,900	\$2,100
Importance Code A	\$21,400	\$200	\$200	\$1,500
Importance Code B	\$10,400	\$300	\$29,700	\$500
Importance Code C	\$8,900			
Total	\$40,600	\$500	\$29,900	\$2,100



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS

Asset #: 13759

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Exterior				
Exterior Walls				
Cement-Fiber Panel	10% Now \$600 Cracking/Crumbling, Extent: Light, A			
	Location: Throughout	Area Affectea . 576		
	Other Observation, Extent: Moderate	e Area Affected · 100%		
	Location: Throughout	e, mea nyjeetea . 10070		
	Explanation : Paint Peeling			
Masonry: Brick	65%	LIFE **	5 \$10,200	
Wood	18% Now \$16,200		5 \$7,100	
Wood	Deteriorated Finish, Extent: Severe,		σ φη,100	
	Location : Throughout Exterior.	<i>JJ</i>		
	Paint Peeling, Extent : Moderate, Are	ea Affected : 100%		
	Location : Roof Soffits, Gutters, Fri			
Wood	7%	2039 **	5 \$5,500	
Windows				
Aluminum	100%	2042 **	5 \$2,700	
Roof				
Asphalt Shingle	95%	2035 **	10 \$1,500	
Copper/Terne	5%	2054 **	10 \$1,100	
Interior				
Floors Cast in Place Concrete	25%	LIFE **	5 \$3,300	
Cast III Trace Concrete Ceramic Tile	5%	2035 **	5 \$3,300	
Vinyl Tile	8%	2031 **	3 \$200	
vinyi The	Recent Replace Evident, Extent : Ligh		σ ψ200	
	Location: Throughout	, . ,, , -		
Vinyl Tile 9" X 9"	2%	2026 \$1,400	3	
vingi ine y ii	Other Observation, Extent : Light, Ar	. ,	J	
	Location: Rear Entry Foyer	<i>J</i> J		
	Explanation: 9 X 9 Tiles			
Wood	60%	2061 **	5 \$6,800	
	Recent Replace Evident, Extent : Ligh		40,000	
	Location : Throughout	00		
Interior Walls				
Ceramic Tile	5% Now \$2,300	2029 **	5 \$200	
	Misaligned/Bulging, Extent: Modera	te, Area Affected : 20%		
	Location: Bathrooms.			
Masonry: Brick	10% Now \$6,600) LIFE **		
•	Water Penetration, Extent: Moderate	e, Area Affected : 30%		
	Location: Basement			
Plaster	85%	LIFE **	5 \$2,000	
	Recent Repair Evident, Extent : Light			
	Location: Throughout			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS

Asset #: 13759

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cos (Yrs)	st Priority
Interior Ceilings				
Plaster	100%	LIFE **	5 \$3,800)
	Recent Repair Evident, Extent : Light	, Area Affected : 100%		
	Location: Throughout			

Electrical	Current Repair	Future Replacem	ent	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated FY	Cost Cycle (Yrs)	e Estimated Cost	Priority
Under 600 Volts	•	•	•		
Service Equipment Molded Case Bkrs	100% Now \$1, On Extended Life, Extent: Light, Location: Basement	600 2056 Area Affected : 100%	** 5	\$100	
	Recent Replace Evident, Extent :	Light, Area Affected : 50%			
	Location: Recently Replaced Se	ervice Panel In Basement			
	Other Observation, Extent : Light	, Area Affected : 100%			
	Location : Building 316b Basem	ent			
	Explanation: 1-100 Amperes Se	ervice Switch.			
Raceway					
Conduit	100%	2026 \$4	,100 1		
Panelboards Molded Case Bkrs	100%	2034	** 5	\$100	
	Other Observation, Extent: Light Location: Throughout House Explanation: There Are No Oth Above.		The Service	Panels Noted	
Wiring	Above.				
Braided Cloth	90% 2-4 \$8, Insulation Damaged, Extent : Lig Location : Throughout The Build		** 1		
Thermoplastic	10%	2026	5900 1		
Ground					
Grounding Devices Generic	100% 0-2 \$2, Other Observation, Extent : Light Location : Basement	100 LIFE , Area Affected : 100%	** 5	\$100	
	Explanation : Ground Connection	on Corroded			
Lighting					
Interior Lighting	500/	2021	4.4. 10	01 000	
Fluorescent	50%	2031	** 10	\$1,800	
	Other Observation, Extent: Light Location: Throughout The Build	ding	1 T 0 T		
	Explanation: Recently Replaced			scent Lights	
Incandescent	50%	2021 \$11	,400 2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS

Asset #: 13759

Electrical	Current Repa	air Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
Incandescent	25%	2021	\$3,700	2		
No Component	75%					

Mechanical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	\$1,200	
			xtent : Light, Area	Affected	! : 100%			
		: Basemen						
	Explana	ion : B Side	e 2 - 275 Gallon To	anks				
Conversion Equipment	4000/			• • • •	ate at		4.000	
Hot Water Boiler	100%			2039	* *	1	\$2,000	
Distribution							****	
Hot Wtr Piping/Pump	100%			2034	* *	4	\$200	
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	\$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$8,500	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2046	* *	4	\$400	
			xtent : Light, Area	Affected	! : 100%			
		: A And B						
	Explana	ion : Dome	stic Coil With No	Storage				
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	\$700	4	\$100	
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Address : 400 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.400 / 13771 Yr Built/Renovated : 1906 /

Area Sq Ft : 10,935 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN : 4453917

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$175,200	
Total	\$175,200	
Importance Code A	\$175,200	
Total	\$175,200	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$23,700		\$8,600	\$200
Electrical	\$8,400	\$1,000	\$18,600	\$1,100
Mechanical	\$2,100	\$1,600	\$13,800	\$1,800
Total	\$34,200	\$2,600	\$41,000	\$3,100
Importance Code A	\$1,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$26,300	\$1,500	\$40,000	\$2,100
Importance Code C	\$6,800			
Total	\$34,200	\$2,600	\$41,000	\$3,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Architecture		Current I	Repair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	500 /				d. d.	_	#20.100	
Masonry: Brick	70%			LIFE	* *	5	\$28,100	
Granite Panels	10% 20%		¢01 000	LIFE 2039	* *	5	\$3,000	
Wood			\$91,800 nt : Severe, Area Aj			5	\$20,100	
		ecay, Exter i : Entry Po		јестеа .	40/0			
		ling, Extent 1 : Through	: Moderate, Area . out	Affected	: 100%			
	Worn/Ero	ded, Extent	: Moderate, Area . ves/ Cornice	Affected	: 60%			
Windows								
Wood	Air Infiltre	Now ation, Exter a: Through	\$83,300 at : Moderate, Area out	2042 Affected	* * d : 100%	5	\$34,000	
	-	Inefficient : Through	Extent : Moderate	, Area A	ffected : 100%			
		ling, Extent 1 : Through	: Moderate, Area . out	Affected	: 100%			
		Deteriorate 1 : Through	d, Extent : Modera out	te, Area	Affected : 100%			
Roof								
Asphalt Shingle	100%			2035	* *	10	\$3,600	
Interior								
Floors Cast in Place Concrete	30%			LIFE	* *	5	\$10,000	
Cast in Trace Concrete Ceramic Tile	2%		\$100	2035	* *	5	\$200	
Cerumie The	Broken/M		ents, Extent : Seve		Affected : 2%	3	Ψ200	
Vinyl Tile	Broken/M	_	\$2,300 ents, Extent : Ligh And Various Office		* * Affected : 10%	3	\$500	
	Worn/Ero		: Moderate, Area		: 30%			
Wood			: Moderate, Area . d Floor	2041 Affected	* * : 70%	5	\$17,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Architecture	С	urrent Rep	air	Futur	e Replacement	M	aintenance	
System Component Type		nil Date Es Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	3% 1 Broken/Missi Location : I	ng Element.	\$400 s, Extent : Ligh	2035 t, Area A	* * ffected : 2%	5	\$300	
Masonry: Brick	10%			LIFE	* *			
Granite Panels	10%			LIFE	* *			
Plaster	75% I	Now	\$6,500	LIFE	* *	5	\$4,400	
	Location : I Paint Peeling Location : I Water Penetr Location : I	Basement G g, Extent : L Throughout cation, Exter	s, Extent : Seve ymnasium Roor ight, Area Affec at : Moderate, A ymnasium Roor	n eted : 20% Area Affeo n	% cted : 2%			
Wood	2%			LIFE	* *	5	\$1,600	
Ceilings Embossed Metal	34%			LIFE	* *	5	\$2,300	
Ellioossed Wetai			ight, Area Affec			3	\$2,300	
Plaster	Location : I Water Penetr	g, Extent : L Rooms 20 A cation, Exter	\$14,500 ight, Area Affec nd 21, Stairway nt: Moderate, A ooms 20 And 2	Ceiling Trea Affe		5	\$6,300	

ectrical	Current Repair	Future R	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5		
	Other Observation, Extent:	Light, Area Affected : 1	00%			
	Location: Basement Areas	A And B				
	Explanation: (2) 100 Ampe	eres Service Switches				
Raceway						
Conduit	75%	2026	\$3,100	1		
Conduit	25%	2046	* *	1		
Panelboards						
Molded Case Bkrs	100%	2042	* *	5	\$300	
Wiring						
Braided Cloth	40% 2-4	\$3,600 2051	* *	1		
	On Extended Life, Extent : L	ight, Area Affected : 10	0%			
	Location : Throughout					
Thermoplastic	60%	2036	* *	1		

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Electrical	Current Repair	Future R	eplacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices				_	***	
Generic	100%	LIFE	**	5	\$200	
	Other Observation, Extent : L	-	0%			
	Location: Basement Section		1. OCW	M. U	V: T T.	
	Explanation : Ground Wire Load Side Of Meter.	Connectea 10 Line Sic	ie Of water Me	ter, No v	vire jumper 10	
stand-by Power	Zoua suc of Meter.					
Transfer Switches						
Automatic	100%	2043	* *	1	\$3,400	
	Other Observation, Extent : L					
	Location: Building Exterior	•	•			
	Explanation : Serves Buildin	ngs #400, #401 And #4	02.			
Generators	1000/	• • • •	* *		4.4.00	
Diesel	100%	2039		1	\$4,200	
	Other Observation, Extent : L Location : Building Exterior		00%			
	Explanation: 125 Kw Gene		#400 #401 4:0	<i>1 #1</i> 02		
Fuel Storage	Explanation : 123 Kw Gene	raior serves buildings	#400, #401 And	u # 4 02		
Main Tank	100%	2061	* *	5	\$300	
TVIAIII TAIII	Other Observation, Extent : I		00%	J	Ψ300	
	Location: Building Exterior	0				
	Explanation: Belly Tank Lo	cated Below Generato	r			
ighting						
Interior Lighting						
Fluorescent	70%	2026	\$17,100	10	\$6,600	
Incandescent	30%	2021	\$17,500	2	\$100	
Exterior Lighting	1000/	#2 000 2 021	* *	•		
Incandescent	100% 0-2	\$3,800 2031		2		
	On Extended Life, Extent : Li Location : Building Porch L		0%			
10,000	Location . Buttaing Porch L	ысиноп				
Alarm Security System						
No Component	50%					
Generic	50%	2026	\$18,000	1	\$2,000	
		2020	410,000		Ψ2,000	

Mechanical	Current Repair	Future Replace	ment	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,200	
	Other Observation, Extent: Light, Are	a Affected : 100%				
	Location: Basement					
	Explanation : 2 - 275 Gallon Tanks I	Each Side				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Mechanical	Current Repair	Future Ro	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment					.	
Steam Boiler	100%	2039	* *	1	\$10,100	
	Other Observation, Extent : Lig	ht, Area Affected : 10	00%			
	Location : Basement	a				
	Explanation: 1 - Boiler Each	Side				
Distribution	1000/	2026	* *		4000	
Central Plant Steam	100%	2036	* *	4	\$800	
Piping/Pmp						
Terminal Devices	1000/ NT	1 100 2021	* *	1	#2.000	
Convector/Radiator	100% Now \$ Leak Evident, Extent: Light, An	1,100 2031	* *	1	\$3,000	
	Leak Evident, Extent : Light, Ai Location : 1st Floor Front	еи Ајјестеа : 50%				
A :- C 1:4::	Location : 1St Floor Front					
Air Conditioning						
Energy Source Electricity	100%	2042	* *	1		
Conversion Equipment	10070	ZU4Z		1		
Window/Wall Unit	50%	2021	\$10,900	1		
No Component	50%	2021	ψ10,900	1		
Plumbing	3070					
H/C Water Piping						
Brass/Copper	100%	2036	* *	1		
Brass, copper	No Water Meter, Extent : Light,		%	•		
	Location : A Side	55				
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$1,000	
_ == = =	Other Observation, Extent : Lig		00%	•	4-,0	
	Location : Basement					
	Explanation: Domestic Coil	With 40 Gallon Stora	ge Each Side			
Sanitary Piping	<u>*</u>					
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1469

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.

Address : 401 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 12,041 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN : 4453921

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$53,800
Interior Architecture		\$81,200
Mechanical		\$287,800
Total		\$422,800
Importance Code A		\$133,400
Importance Code B		\$289,400
T I		# 422 000

Total \$422,800

Total	\$108,500	\$6,000	\$44,700	\$3,300
Importance Code C	\$3,700	\$500		
Importance Code B	\$72,400	\$4,300	\$43,500	\$2,100
Importance Code A	\$32,400	\$1,200	\$1,200	\$1,200
Total	\$108,500	\$6,000	\$44,700	\$3,300
Mechanical	\$6,700	\$1,600	\$26,500	\$1,900
Electrical	\$5,900	\$800	\$18,200	\$1,000
Interior Architecture	\$64,700	\$3,500		\$400
Exterior Architecture	\$31,200			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset #: 13769

Architecture	Curr	ent Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail I Total (Yea	Oate Estimated Cos rs)	t Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	70%		LIFE	* *	5	\$53,800	
Granite Panels	25%		LIFE	* *	5	\$14,400	
Wood	5% 0-2	. ,		* *	5	\$9,600	
		ish, Extent : Severe, A		: 30%			
		oughout Columns And					
	_	ctent : Light, Area Aff The Floor And Steps	fectea : 30%				
Windows	Location . 1 ore	n Fioor Ana Sieps					
Aluminum	100%		2048	* *	5	\$11,600	
2 Halling II		Evident, Extent : Ligh		ed : 100%	5	Ψ11,000	
	Location : Thre	_	3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3				
Roof							
Asphalt Shingle	100% Nov			* *			
	_	lashings, Extent : Mo	oderate, Area	Affected : 15%			
	Location: Rooj						
nterior							
Floors	100/		LIEE	* *	_	¢12 400	
Cast in Place Concrete Ceramic Tile	10% 10%		LIFE 2035	* *	5 5	\$13,400 \$6,100	
Vinyl Tile	5% Nov	v \$600		* *	3	\$1,100	
vinyi The		ling, Extent : Modera		cted : 2%	3	\$1,100	
Wood	40% Nov	v \$17,600	2054	* *	5	\$22,900	
	Deteriorated Fin Location : Thro	ish, Extent : Light, Ai oughout	rea Affected :	40%			
Wood	35%		2054	* *	5	\$40,100	
Interior Walls						-	
Ceramic Tile	2%		2035	* *	5	\$1,000	
Gypsum Board	25%		LIFE	* *	5	\$7,100	
		ess, Extent : Light, A					
		well Wall Between 1					
Granite Panels	28%		LIFE	* *			
Plaster	45% 2-4	. ,		* *	5	\$6,400	
	Cracking/Crumb Location: Thro	ling, Extent : Light, A oughout.	Area Affected	: 2%			
Ceilings							
Plaster	52% Nov			* *	5	\$19,900	
		ctent : Moderate, Are Floor Ceiling Over T		%			
		n, Extent : Light, Are Floor Ceiling Over T		5%			
Plaster	48%		LIFE	* *	5	\$18,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset #: 13769

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment	1000/	201 6	-	
Fused Disc Sw	100%	2046 **	5 \$100	
	Other Observation, Extent : Light, A Location : Basement Service Roon			
	Explanation : 2-100 Amperes Serv			
Raceway	Explanation . 2-100 Amperes Serv	ice Swiiches		
Conduit	75%	2026 \$3,100	1	
Conduit	25%	2046 **		
Panelboards				
Molded Case Bkrs	100%	2042 **	5 \$300	
Wiring				
Thermoplastic	75%	2026 \$6,700		
Thermoplastic	25%	2046 **	1	
Ground				
Grounding Devices	1000/		-	
Generic	100%	LIFE **	5 \$200	
	Other Observation, Extent : Light, A Location : Basement Section A	Area Affected : 50%		
		Vina Compostad To Water Main	And Crown I Dod	
Stand-by Power	Explanation : Common Ground W	ire Connecieu 10 waier Main	Ana Grouna Roa	
Transfer Switches				
Automatic	100%	2046 **	1 \$3,700	
1 10000 11100120	Other Observation, Extent : Light, A		1 \$2,700	
	Location : Building Exterior Behin			
	Explanation: Serves Buildings #4	00, #401 And #402.		
Generators				
Diesel	100%	2041 **	1 \$4,700	
	Other Observation, Extent : Light, A	Area Affected : 100%		
	Location: Building Exterior			
- 1 a	Explanation: Serves Buildings #4	00, #401 And #402.		
Fuel Storage	1000/	2066 **	5 0400	
Main Tank	100% Other Observation Extent Light	2000	5 \$400	
	Other Observation, Extent : Light, A Location :	trea Ајјестеа . 100%		
	Explanation: Belly Tank Located	Relow Generator		
Lighting	Explanation . Belly Tank Localed	Delow Generalor		
Interior Lighting				
Fluorescent	75%	2026 \$21,600	10 \$8,300	
Incandescent	25%	2021 \$17,100	·	
Exterior Lighting		·		-
HID	80%	2034 **	10	
Incandescent	20% 0-2 \$5,10		2	
	Obsolete Fixtures, Extent : Light, A			
	Location: Exterior Building Porce	hes		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset #: 13769

Mechanical	Current Repair	Future	Replacement	М	aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Fuel Oil No 2	100%	2036	* *	5	\$3,700		
	Other Observation, Extent : Light,	Area Affected :	100%				
	Location: Basement						
	Explanation: 2 - 275 Gallon Tan	ks Each Side					
Conversion Equipment							
Steam Boiler	100%	2024	\$79,600	1	\$11,900		
	Other Observation, Extent : Light,	Area Affected :	100%				
	Location: Basement						
	Explanation: 1 - Unit Each Side						
Distribution							
Central Plant Steam	100%	2026	\$208,200	4	\$600		
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%	2031	* *	1	\$3,900		
Air Conditioning							
Energy Source							
Electricity	100%	2042	* *	1			
Conversion Equipment							
Window/Wall Unit	90%	2021	\$23,100	1			
No Component	10%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2036	* *	1			
Water Heater							
Oil Fired	50%	2019	\$5,100	1	\$200		
Under Construction	50%						
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Fixtures							
Generic	100%						

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS

Address : 402 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.402 / 13770 Yr Built/Renovated : 1906 /

Area Sq Ft : 12,041 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN : 4453923

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,500			\$3,700
Interior Architecture	\$13,100	\$700		
Electrical	\$800	\$800	\$20,300	\$1,000
Mechanical	\$3,200	\$1,800	\$27,200	\$2,000
Total	\$19,600	\$3,300	\$47,500	\$6,800
Importance Code A	\$3,600	\$1,100	\$1,100	\$4,900
Importance Code B	\$14,800	\$2,200	\$46,400	\$2,000
Importance Code C	\$1,100			
Total	\$19,600	\$3,300	\$47,500	\$6,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS

Asset #: 13770

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$30,900	
Granite Panels	25%			LIFE	* *	5	\$8,300	
Wood	5%	Now	\$2,500	2039	* *	5	\$5,500	
		_	: Light, Area Affe	cted : 159	%			
		: Entry Pa						
	Worn/Eroded, Extent : Light, Area Affected : 15%							
	Location	: Entry Pa	orches					
Windows								
Aluminum	100%			2042	* *	5	\$7,500	
Roof								
Asphalt Shingle	100%			2035	* *	10	\$4,000	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$11,100	
Ceramic Tile	8%			2035	* *	5	\$1,300	
Vinyl Tile	2%			2031	* *	3	\$200	
Wood	60%			2054	* *	5	\$19,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	\$1,100	
Gypsum Board	25%			LIFE	* *	5	\$3,200	
Masonry: Brick	18%			LIFE	* *			
Granite Panels	25%			LIFE	* *			
Plaster		Now	\$600	LIFE	* *	5	\$1,000	
	Water Penetration, Extent : Light, Area Affected : 5%							
		: 3rd Floo	r Chimney Chase					
Wood	2%			LIFE	* *	5	\$1,700	
Ceilings								
AcousTileSusp.Lay-In	6%			2039	* *	5	\$1,000	
Embossed Metal	25%			LIFE	* *	5	\$1,900	
	Other Observation, Extent : Light, Area Affected : 100% Location : 1st Floor							
	Explana	tion : Embe	ossed Metal Ceiling	g, Painte	d			
Gypsum Board	29%			LIFE	* *	5	\$6,100	
Plaster		Now	\$1,900	LIFE	* *	5	\$4,200	
1 100001			xtent : Light, Area		: 2%	3	Ψ1,200	
			amage In 1st Floor			Chimne	v Chase Walls	

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS

Asset #: 13770

Electrical	Current Repair	Future Replacement	N	Maintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, An Location : Basement Service Room Explanation : 2-100 Amperes Servi	-	5	\$100	
Raceway	· · · · · · · · · · · · · · · · · · ·				
Conduit	65%	2036 **	1		
Conduit	35%	2046 **	1		
Panelboards Molded Case Bkrs	100%	2042 **	5	\$300	
Wiring					
Thermoplastic	65%	2036 * *	1		
Thermoplastic	35%	2046 **	1		
Ground Grounding Devices					
Generic	100%	LIFE **	5	\$200	
Stand-by Power Transfer Switches	1000/	2046 * *		#2. 7 00	
Automatic	100% Other Observation, Extent: Light, An Location: Building Exterior Being Explanation: Serves Buildings #40	2040 rea Affected : 100% Primary Transformer	1	\$3,700	
Generators Diesel	100% Other Observation, Extent : Light, A	2041 ** rea Affected : 100%	1	\$4,700	
	Location : Building Exterior Explanation : 125 Kw Generator Se	erves Buildings #400, #401 A	nd #402.		
Fuel Storage		-			
Main Tank	100% Other Observation, Extent : Light, An Location : Building Exterior		5	\$300	
.	Explanation : Belly Tank Located E	Below Generator			
Lighting Interior Lighting					
Interior Lighting Fluorescent	99%	2031 **	10	\$10,200	
Puorescent	T-8 Lamps And Fixtures, Extent : Lig Location : Throughout The Building	ht, Area Affected : 100%	10	\$10,200	
Incandescent	1%	2021 \$600	2		
Egress Lighting		·			
Emergency, Service	50% Other Observation, Extent: Light, An Location: Throughout The Building Explanation: Recently Installed Eg	g	1		
Drit Cami	50%		1		
Exit, Service Exterior Lighting	3070	2026 \$1,700	1		
HID	80%	2031 **	10		
Incandescent	20%	2021 \$8,400	2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS

Asset #: 13770

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source				_				
Fuel Oil No 2	100%	203		5	\$3,500			
	Other Observation, Ext	ent : Light, Area Affect	ed : 100%					
	Location: Basement	Callan Tanka Each Sie	la.					
C	Explanation: 2 - 2/3	Gallon Tanks Each Sid	e					
Conversion Equipment Steam Boiler	100%	203) **	1	\$11,200			
Steam Boner	Other Observation, Ext			1	\$11,200			
	Location : Basement	eni . Ligni, med njjeci	ей. 10070					
	Explanation: 1 - Boil	er On Each Side						
Distribution	Expandition . 1 Doil	c. on Buch blue						
Central Plant Steam	100%	203	6 **	4	\$800			
Piping/Pmp				-	4000			
Terminal Devices								
Convector/Radiator	100%	203	1 **	1	\$3,600			
Air Conditioning								
Energy Source								
Electricity	100%	204	2 **	1				
Conversion Equipment								
Window/Wall Unit	100%	202	1 \$24,000	1				
Plumbing								
H/C Water Piping	1000/	• • •	**					
Brass/Copper	100%	203	6 **	1				
HW Heat Exchanger	1000/	20.4	<u>*</u> *	4	Φ1 100			
Steam Fired	100%	204	3	4	\$1,100			
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement							
		ia Cail In Pailan With	10 Callon Storage T	ank On F	ach Side			
Sanitary Piping	Explanation : Domest	ic Coil In Boiler With	o Ganon Storage 1	ınk On E	исн мие			
Sanitary Piping Cast Iron	100% Now	\$1,700 LIF	F **	1				
Cast Holl	Leak Evident, Extent : 1			1				
	Location : Bathrooms		. 130/0					
Storm Drain Piping								
Cast Iron	100%	LIF	E **	1				
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Address : 409 SHORE ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.409 / 13774 Yr Built/Renovated : 1906 /

Area Sq Ft : 13,728 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$37,800
Interior Architecture	\$57,800	
Total	\$57,800	\$37,800
Importance Code A		\$37,800
Importance Code B	\$57,800	
Total	\$57.800	\$37,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,300			\$14,600
Interior Architecture	\$35,400			\$5,500
Electrical	\$6,300	\$1,100	\$16,000	\$1,100
Mechanical	\$1,700	\$2,600	\$31,000	\$1,700
Total	\$74,700	\$3,800	\$47,000	\$22,900
Importance Code A	\$32,600	\$1,300	\$1,400	\$15,800
Importance Code B	\$38,100	\$2,500	\$45,700	\$7,000
Importance Code C	\$4,000			
Total	\$74,700	\$3,800	\$47,000	\$22,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Asset #: 13774

Architecture	Current Repair		Futu	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_	**- ***	
Masonry: Brick	75%			LIFE	* *	5	\$37,800	
Masonry: Granite	10%	3.7	#0.600	LIFE	* *	5	\$3,800	
Wood		Now	\$8,600	2031		5	\$18,900	
		_	nents, Extent : Ligh creen At Rear Porc		Affected: 1%			
					0/			
		_	t : Light, Area Affe And Eave Located					
Windows	Locuitor	. I orenes	1ma Bave Bocarca	711 Reur	1 dedde			
Aluminum	100%			2048	* *	5	\$8,500	
		place Evid	ent, Extent : Light,		ected : 100%	-	40,000	
		: Through	_	55				
Roof								
Roll Roofing	10%			2022	\$12,300	5	\$4,500	
Slate		Now	\$22,700	LIFE	* *			
		netration, E n : Main Ro	Extent : Moderate, A pof	Area Affe	ected : 5%			
nterior								
Floors								
Carpet	2%			2022	\$5,400	3	\$800	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,100	
Mosaic Tile	2%			2039	**	5	\$1,000	
Vinyl Tile	2%	N.T.	#20 000	2026	\$3,600	3	\$100	
Wood	Deteriora	Now ted Finish, t: First Flo	\$30,800 Extent : Moderate, oor	2041 Area Af		5	\$16,000	
Interior Walls								
Ceramic Tile	2%	Now	\$300	2035	* *	5	\$200	
			nents, Extent : Mod		rea Affected : 10%	-	4-11	
	Location	: Second	Floor Bathroom					
Concrete Masonry Unit	2%			LIFE	* *	5	\$200	
Masonry: Brick	10%			LIFE	* *	C	42 00	
Plaster		Now	\$3,700	LIFE	* *	5	\$6,400	
			Extent : Light, Area		: 2%		, , , , , ,	
	Location	: Through	out					
	Water Per	etration, E	Extent : Light, Area	Affected	: 1%			
	Location	: 2nd Floo	or Office					
Ceilings								
Embossed Metal	30%			LIFE	* *	5	\$2,600	
		ling, Extent e: 1st Floo	t : Light, Area Affe r Offices	cted : 5%	ó			
Plaster	70%	Now	\$57,800	LIFE	* *	5	\$8,400	
	Spalling, I	Extent : Mo	oderate, Area Affec				•	
		: Basemer						
	Water Per	etration, E	Extent : Moderate, A	Area Affe	ected : 20%			
	Location	: 2nd And	3rd Floor, Variou	s Spaces				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Asset #: 13774

Electrical	Current Repair	Future Replac	ement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	500/	2046	* *	-		
Fused Disc Sw	50%	2046	* *	5		
	Other Observation, Extent : Light, Area Location : 409a And 409b Basement					
	Explanation: Two (2) 100 Amperes F	used Disconnect S	witch			
Molded Case Bkrs	50%	2046	* *	5	\$200	
	Other Observation, Extent : Light, Area	Affected: 100%				
	Location: 409a And 409b Basement					
	Explanation: Two (2) Service Panels,	225a Rating				
Raceway	200/	2052	* *	1		
Conduit Conduit	20%	2052 2036	* *	l 1		
Panelboards	80%	2030	- •	1		
Molded Case Bkrs	100%	2034	* *	5	\$400	
Wiring	10070	2034			φ 1 00	
Thermoplastic	20%	2052	* *	1		
Thermoplastic	80%	2036	* *	1		
Ground	0070					
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location: 409a And 409b Basement					
·	Explanation: Ground Attached To Mo	ain Water Line				
Stand-by Power						
Transfer Switches	1000/	2020	* *	1	04.200	
Automatic	100%	2039		1	\$4,200	
Generators Diesel	100%	2035	* *	1	\$5,300	
Diesei	Other Observation, Extent : Light, Area			1	\$5,500	
	Location: Building Exterior	rijjeelea : 10070				
	Explanation: 125 Kw Generator Serv	es Buildings #409	And #41.	1		
Fuel Storage		-				
Main Tank	100%	2054	* *	5	\$400	
	Other Observation, Extent : Light, Area					
	Location : Building Exterior Under G	enerator				
	Explanation: 250 Gallon Belly Tank					
Lighting						
Interior Lighting Fluorescent	95%	2031	* *	10	\$11,200	
Profescent	T-8 Lamps And Fixtures, Extent: Light			10	\$11,200	
	Location: Throughout The Building	, meangreetea . 1	0070			
Incandescent	5%	2021	\$3,700	2		
Exterior Lighting	J / U	2021	ψ3,700			
Incandescent	50% 0-2 \$4,800	2031	* *	2		
111111111111111111111111111111111111111	Obsolete Fixtures, Extent : Light, Area			~		
	Location: Building Exterior Porches					
No Component	50%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Asset #: 13774

Electrical	Current Re	epair Fut	ure Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
No Component	75%					
Generic	25%	202	\$11,300	1	\$1,300	

Mechanical	Current Repair	Future Re	placement	M					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source	1000/	2026	* *	_	Φ4.000				
Fuel Oil No 2	100%	2036		5	\$4,000				
	Other Observation, Extent : Light, Area Location : Basement	н Ајјестеа : 10	0%						
	Explanation: 2 - 275 Gallon Tanks Fo	or Roth A And	l R Side						
Conversion Equipment	Explanation : 2 2/3 Gatton Tunks I (or Bom II IIm	i D Sinc						
Steam Boiler	100%	2039	* *	1	\$12,700				
	Other Observation, Extent : Light, Area		0%		, ,,,,,				
	Location: Basement								
	Explanation: A And B Sides Have Sep	oarate Boilers	1						
Distribution									
Central Plant Steam	100%	2036	* *	4	\$900				
Piping/Pmp	Other Observation Entert Light Anna	. Affaatad . 10	100/						
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout								
	Explanation: A And B Sides Have Ind	lanandant Svs	toms						
Terminal Devices	Explanation . A That B States Have had	ерениет Буз	iems						
Convector/Radiator	100%	2031	* *	1	\$4,200				
Air Conditioning					* ,				
Energy Source									
Electricity	100%	2034	* *	1					
Conversion Equipment									
Window/Wall Unit	100%	2021	\$27,300	1					
Plumbing									
H/C Water Piping	1000/	2046	* *	1					
Brass/Copper	100% Other Observation, Extent: Light, Area	2046		1					
	Location: Throughout	г Ајјестеа . 10	0/0						
	Explanation: A And B Sides Have Sep	parate System	s Including Se	rvice					
HW Heat Exchanger		e.c bysicin							
Steam Fired	100%	2052	* *	4	\$1,900				
	Other Observation, Extent : Light, Area	Affected : 10	0%		+) -				
	Location: Basement								
	Explanation: Domestic Coil In Steam	Boiler / A Ho	as 40 Gallon S	torage To	ank				
Sanitary Piping									
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping	1000/		ala di						
Cast Iron	100%	LIFE	* *	1					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Asset #: 13774

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Backflow Preventer				
No Component	95%			
Generic	5%	2031 **	1	
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location: Basement			
	Explanation: Serves Boiler Only			
Fixtures				
Generic	100%			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG,# 411 A AND B TERRORISM CENTER

Address : 411 SHORE ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.411 / 13775 Yr Built/Renovated : 1906 /

Area Sq Ft : 13,728 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$45,300
Interior Architecture	\$44,000	
Total	\$44,000	\$45,300
Importance Code A		\$45,300
Importance Code B	\$44,000	
Total	\$44,000	\$45,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,600			\$7,300
Interior Architecture	\$33,600			\$100
Electrical	\$8,300	\$2,900	\$1,100	\$1,100
Mechanical	\$1,700	\$2,600	\$3,700	\$1,700
Total	\$53,200	\$5,500	\$4,700	\$10,200
Importance Code A	\$10,800	\$1,300	\$1,400	\$8,500
Importance Code B	\$21,300	\$4,200	\$3,400	\$1,700
Importance Code C	\$21,000			
Total	\$53,200	\$5,500	\$4,700	\$10,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER

Asset #: 13775

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$45,300	
Masonry: Granite	10%			LIFE	* *	5	\$3,800	
Windows								
Aluminum	100%			2048	* *	5	\$8,500	
	-		ent, Extent : Light,	Area Aff	ected : 100%			
	Location	: Through	out					
Roof	-0.4				0.100	_	00.000	
Roll Roofing	5%	3.7	#0.600	2022	\$6,100 * *	5	\$2,300	
Slate		Now	\$9,600	LIFE				
		etration, E : Main Ro	xtent : Moderate, . of	Area Affe	cted: 2%			
terior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	\$2,900	
Mosaic Tile	2%			2039	* *	5	\$1,000	
Vinyl Tile	5%	4+	\$200	2031	* *	3	\$400	
		-	ents, Extent : Ligh r Corridor	ıt, Area A	ffected : 1%			
Wood	Location Worn/Eroc	: Basemen led, Extent	\$11,900 nt : Light, Area Afj nt Stair Has Termin : Moderate, Area	e Damag	e	5	\$15,500	
	Location	: 3rd Floo	or .					
Interior Walls	20/	3.7	#200	2025	ate ate	_	#200	
Ceramic Tile	Broken/Mi	_	\$300 nents, Extent : Ligh Floor Bathroom	2035 nt, Area A	* * ffected : 2%	5	\$200	
Masonry: Brick	2%			LIFE	* *			
Plaster		Now	\$20,700	LIFE	* *	5	\$7,100	
	Deteriorate Location	ed Finish, : Through	Extent : Severe, A	rea Affect			, , , , , , , , , , , , , , , , , , ,	
	Location	: Basemen	t Washroom, 3rd	Floor Bat	hroom			
Ceilings								
Embossed Metal		· ·	: Light, Area Affe r, Throughout	LIFE cted: 109	**	5	\$1,700	
Plaster	Spalling, E Location Water Pen	: Basemen etration, E	\$44,000 derate, Area Affec at And Throughout extent: Light, Area or Bathroom, 3rd I	Affected	: 15%	5	\$9,600	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER

Asset #: 13775

Electrical	Current Repair	Future Replacement	t I	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•	•	•		
Service Equipment					
Fused Disc Sw	50%	2040	* 5		
	Other Observation, Extent : Light,	Area Affected : 100%			
	Location: Basement				
	Explanation: Two (2) 100 Amper	res Fused Disconnect Switche	es .		
Molded Case Bkrs	50%	2040	* 5	\$200	
	Other Observation, Extent : Light,	Area Affected : 100%			
	Location: Basement				
	Explanation: Two (2) 225 Amper	res Electrical Panels Serving	Areas A Ai	ıd B	
Raceway					
Conduit	20%	2032	* 1		
Conduit	80%	2036 *	* 1		
Panelboards					
Molded Case Bkrs	100%	2042 *	* 5	\$400	
Wiring					
Thermoplastic	20%	2032	* 1		
Thermoplastic	80%	2036 *	* 1		
Ground					
Grounding Devices					
Generic	100%	LIFE *	* 5	\$200	
Stand-by Power					
Transfer Switches					
Automatic	100%	2039 *	* 1	\$4,200	
Generators					
Diesel	100%	2033	* 1	\$5,300	
	Other Observation, Extent : Light,	Area Affected : 100%			
	Location : Building Exterior				
	Explanation: 125 Kw Generator	Serves Buildings #409 And #	411		
Batteries					
Lead/Acid	100%	2020 \$1,60	00 5	\$500	
Fuel Storage					
Main Tank	100%	2034	* 5	\$400	
	Other Observation, Extent : Light,	Area Affected : 100%			
	Location : Building Exterior				
· · ·	Explanation: 250 Gallon Belly T	Cank			
Lighting					
Interior Lighting	0.50/	2026	10	#10.000	
Fluorescent	85%	2026 \$26,10	00 10	\$10,000	
	Other Observation, Extent: Light,	Area Affectea : 100%			
	Location: Throughout				
	Explanation: T8 Lamps				
Incandescent	15%	2026 \$11,00	00 2		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER

Asset #: 13775

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
HID	10%		2031	* *	10		
Incandescent	75%	0-2 \$7,200	2031	* *	2		
	Obsolete F	ixtures, Extent : Light, Area	Affected	: 100%			
	Location	: Exterior Porch Areas					
No Component	15%						

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2026	\$25,600	5	\$4,000	
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Basement					
	Explanation: 2 - 275 Gallon Tanks F	or Both Si	des A And B			
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$12,700	
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Basement					
	Explanation: A And B Sides Have Sep	oarate Boi	lers			
Distribution						
Central Plant Steam	100%	2036	* *	4	\$900	
Piping/Pmp						
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Throughout					
	Explanation: A And B Sides Have Inc	lependent	Systems			
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$4,200	
Air Conditioning						
Energy Source						
Electricity	100%	2034	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2024	\$27,300	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Throughout					
	Explanation : A And B Sides Have Sep	oarate Sys	tems Including Se	rvice		
HW Heat Exchanger						
Steam Fired	100%	2052	* *	4	\$1,900	
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Basement					
	Explanation : Domestic Coil In Steam	Boiler / N	lo Storage / Both .	A And B	Sides	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER

Asset #: 13775

Mechanical	Current Repair	Future Replacemen	t Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated Co FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Sanitary Piping				
Cast Iron	100%	LIFE *	* * 1	
Storm Drain Piping				
Cast Iron	100%	LIFE *	** 1	
Fixtures				
Generic	100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT

Address : 413 SHORE ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.413 / 13776 Yr Built/Renovated : 1906 /

Area Sq Ft : 13,728 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$448,800	\$73,700
Electrical	\$43,900	
Total	\$492,600	\$73,700
Importance Code A	\$448,800	\$73,700
Importance Code B	\$43,900	
Total	\$492,600	\$73,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				\$4,300
Interior Architecture	\$59,800			\$100
Electrical	\$11,100		\$100	\$200
Mechanical	\$1,700	\$2,000	\$31,000	\$2,300
Total	\$72,600	\$2,000	\$31,100	\$6,800
Importance Code A	\$1,300	\$1,300	\$1,300	\$5,500
Importance Code B	\$54,700	\$700	\$29,800	\$1,300
Importance Code C	\$16,600			
Total	\$72,600	\$2,000	\$31,100	\$6,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13776

Architecture	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls	700/ N ¢50	000 LIEE	* *	_	#25.200	
Masonry: Brick	70% Now \$58, Broken/Missing Elements, Extent			5	\$35,200	
	Location: Chimneys Are Missin					
	Cracking/Crumbling, Extent : Mo		l : 5%			
	Location: Chimneys					
Masonry: Granite	20%	LIFE	* *	5	\$7,600	
Wood	10% Now \$115,		* *	5	\$12,600	
	Paint Peeling, Extent : Moderate, Location : Soffits, Trim, Gutters					
	Split/Cracked, Extent: Moderate,					
	Location: Throughout	meanyceica . 570				
	Worn/Eroded, Extent : Moderate,	Area Affected : 65%				
	Location: Porch Floors, Rails (Columns				
Windows				_		
Wood	90% Now \$117, Deteriorated Finish, Extent: Mod		**	5	\$38,400	
	Location: Throughout	егиге, Агей Ајјестей	. 00%			
	Thermally Inefficient, Extent : Mo	derate, Area Affecte	d: 100%			
	Location : Throughout					
	Paint Peeling, Extent : Severe, Ar	ea Affected : 40%				
	Location: Throughout	6 1 . A A CC .	1 1000/			
	Caulking Deteriorated, Extent : M. Location : Throughout	loderate, Area Affect	ed: 100%			
Wood	10%	2042	* *	5	\$8,500	
Roof	1070	2042			\$6,500	
Modified Bitumen	30% 2-4 \$52,	000 2036	* *			
	Alligatoring, Extent : Moderate, A					
	Location: Porch Roofs, Throug					
	Worn/Eroded, Extent: Moderate,		%			
G1 .	Location: Porch Roofs, Throug.		* *			
Slate	70% Now \$105, Broken/Missing Elements, Extent					
	Location: Main Roof, Through		естей . 1570			
	Miss/Damaged Flashings, Extent		ected : 15%			
	Location : Flashing At Chimney	s				
	Water Penetration, Extent: Mode		15%			
nterior	Location : Attic Spaces Below R	oof				

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13776

rchitecture	Current Repa	ir Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Esti Total (Years)	imated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior						
Floors						
Cast in Place Concrete	10% Now Cracking/Crumbling, Exte Location: Throughout	\$400 LIFE int : Light, Area Affected	**	5	\$4,200	
Ceramic Tile	2% Now Cracking/Crumbling, Exte	\$1,600 2035 ant: Light, Area Affected	**!:5%	5	\$200	
Vinyl Tile	3% Now Broken/Missing Elements, Location: Kitchen Area	\$1,100 2031 Extent: Light, Area Aff	* * ected : 2%	3	\$200	
Wood	85%	2054	* *	5	\$30,600	
Interior Walls					· · · · · · · · · · · · · · · · · · ·	
Ceramic Tile	2% 2-4 Other Observation, Extent Location: Bathrooms Explanation: Tile Will N			5	\$200	
Masonry: Brick	5%	LIFE	**			
	Paint Peeling, Extent : Mo Location : Basement	oderate, Area Affected :	80%			
Granite Panels	21%	LIFE	* *			
Plaster	70% Now Cracking/Crumbling, Exte Location: Basement	\$15,100 LIFE int : Moderate, Area Affa	* * ected : 25%	5	\$5,200	
	Paint Peeling, Extent : Mo Location : Basement	oderate, Area Affected : .	25%			
	Water Penetration, Extent Location: Various Loca		ed : 10%			
Wood	2%	LIFE	* *	5	\$2,000	
Ceilings						
Embossed Metal	10% Paint Peeling, Extent: Lig Location: 1st Floor	LIFE ht, Area Affected : 5%	**	5	\$900	
Plaster	90% Now Broken/Missing Elements, Location: Throughout Paint Peeling, Extent: Lig Location: Basement, Ba	ght, Area Affected : 10%		5	\$10,800	
	Worn/Eroded, Extent: Mo Location: Basement		10%			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13776

Electrical		Current Repair	r	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estir (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
	Other Obse	ervation, Extent	: Light, Area	Affected	! : 100%			
	Location	: Basement						
	Explanati	ion : Two (2)100) Amperes Se	rvice Sw	itches.			
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$400	
Wiring								
Braided Cloth	70%	0-2	\$6,200	2051	* *	1		
	Insulation 1	Aged, Extent : L	ight, Area A <u>f</u>	fected : I	100%			
	Location	: Throughout Th	ne Building					
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	30%			2026	\$9,200	10	\$3,500	
Incandescent	60%			2021	\$43,900	2	\$200	
LED	10%			2034	* *			
Exterior Lighting								
HID	50%			2026	\$28,300	10		
Incandescent	50%	0-2	\$4,800	2031	* *	2		
	Obsolete F	ixtures, Extent :	Light, Area	Affected	: 100%			
	Location	: Porch Areas						

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$4,000	
	Other Observation, Extent: Light, Are	a Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 275 Gallon Tanks E	Each Side				
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$12,700	
	Other Observation, Extent: Light, Are	a Affected	: 100%			
	Location: Basement Mechanical					
	Explanation: 2 Oil Fired Steam Boil	er.				
Distribution						
Central Plant Steam	100%	2036	* *	4	\$900	
Piping/Pmp						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13776

Mechanical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$4,200	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$27,300	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$1,300	
	Other Observation, Exter	nt : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation : Domestic A Side.	c Coils In Boilers, No St	orage On B Side, 4	0 Gallor	a Storage Tank On	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.

Address : 418 WEAVER ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.418 / 13778 Yr Built/Renovated : 1906 /

Area Sq Ft : 10,935 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$100,800	
Total	\$100,800	
Importance Code A	\$100,800	
Total	\$100.800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,300			\$100
Interior Architecture	\$38,200			\$100
Electrical	\$8,600		\$26,900	\$100
Mechanical	\$1,200	\$1,300	\$26,100	\$1,800
Total	\$74,300	\$1,300	\$53,000	\$2,200
Importance Code A	\$27,100	\$800	\$800	\$900
Importance Code B	\$41,400	\$500	\$52,200	\$1,300
Importance Code C	\$5,800			
Total	\$74,300	\$1,300	\$53,000	\$2,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

Architecture	Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls				_		
Masonry: Brick	75%	LIFE	* *	5	\$7,100	
Granite Panels Wood	15%	LIFE	* *	5	\$1,100	
Wood	10% Now \$21,800 Broken/Missing Elements, Extent: Mod	2031 derate, Ar		5	\$2,400	
	Location: Porch Soffit On B Side					
	Paint Peeling, Extent : Moderate, Area	Affected .	: 100%			
	Location: Throughout	1.00	1000/			
	Split/Cracked, Extent : Moderate, Area Location : Porch Floors, Throughout		: 100%			
Windows						
Aluminum	10%	2042	* *	5	\$200	
Wood	90% Now \$59,200 Air Infiltration, Extent : Moderate, Are Location : Throughout	2051 a Affected	* * l : 100%	5	\$9,700	
	Glazing Broken/Cracked, Extent: Mod Location: Throughout.	lerate, Are	ea Affected : 50%			
	Thermally Inefficient, Extent : Moderate Location : Throughout	_	-			
	Caulking Deteriorated, Extent : Moder Location : Throughout	ate, Area	Affected : 100%			
Roof						
Modified Bitumen	35% Now \$41,500 Alligatoring, Extent : Moderate, Area A Location : Porch Roofs, Throughout	2036 Affected :	**			
	Miss/Damaged Flashings, Extent: Mod	derate, Ar	ea Affected : 30%			
	Location: Porch Roofs, Throughout					
	Worn/Eroded, Extent : Moderate, Area Location : Porch Roofs, Throughout	Affected .	: 100%			
Slate	65% Now \$4,500	LIFE	* *			
	Broken/Missing Elements, Extent : Ligit Location : Throughout	ht, Area A	ffected : 5%			

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

rchitecture	Current R	epair	Future	Replacement	M	aintenance	
rstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors							
Cast in Place Concrete	10% Now Horizontal Cracks, Ex Location: Basement		LIFE rea Affec	* * ted : 10%	5	\$2,200	
Ceramic Tile	5% Now Cracking/Crumbling, Location: Bathroom	_	2035 ea Affected	* * d : 5%	5	\$200	
Vinyl Tile	10% 4+ Broken/Missing Eleme Location : 1st Floor			\$9,200 fected : 2%	3	\$400	
Wood	45% Now Deteriorated Finish, E Location: 1st Floor,			* * ected : 100%	5	\$4,200	
Wood	30%		2054	* *	5	\$5,600	
Interior Walls							
Ceramic Tile	5% Now Cracking/Crumbling, Location: Bathroom		2035 ea Affected	* * d : 5%	5	\$400	
Masonry: Brick	10%		LIFE	* *			
Granite Panels	5%		LIFE	* *			
Plaster	75% Now Horizontal Cracks, Ex Location: Througho	· ·	LIFE Affected :	* * 5%	5	\$3,200	
	Paint Peeling, Extent . Location : Througho	Light, Area Affec	rted : 5%				
Wood	5%		LIFE	* *	5	\$2,900	
Ceilings							
Embossed Metal	20% Paint Peeling, Extent . Location : 1st Floor,	-	LIFE eted : 5%	* *	5	\$900	
Plaster	80% Now Broken/Missing Eleme Location: Basement Water Penetration, Ex Location: 1st Floor	tent : Light, Area			5	\$5,000	

Electrical	Current Repair	Future l	Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment						
Fused Disc Sw	100%	2046	* *	5		

Other Observation, Extent: Light, Area Affected: 100%

Location: Basement Hallway.

Explanation: Two (2) 100 Amperes Service Switches

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

Electrical		Current Repa	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	70%			2026	\$2,900	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	50%			2042	* *	5	\$100	
Molded Case Bkrs	50%			2042	* *	5	\$100	
Wiring								
Thermoplastic	70%			2026	\$6,200	1		
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	75%			2026	\$19,600	10	\$7,500	
		ervation, Exten		Affected	! : 100%			
	Location	: Throughout T	The Building					
	Explanati	ion : T-8 Fixtu	res In Use.					
Incandescent	25%			2021	\$15,600	2	\$100	
Exterior Lighting								
HID	25%			2021	\$11,300	10		
Incandescent	75%	0-2	\$8,600	2031	* *	2		
	Obsolete F	ixtures, Extent	: Light, Area	Affected	: 100%			
	Location	: Porches Area	as					

Mechanical	Current Repair	Future Rep	olacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,400	
	Other Observation, Extent: Light, A	rea Affected : 100	0%			
	Location: Basement					
	Explanation: 2 - 275 Gallon Tanks	s Each Side				
Conversion Equipment						
Hot Water Boiler	50%	2039	* *	1	\$2,700	
Steam Boiler	50%	2039	* *	1	\$5,400	
Distribution						
Hot Wtr Piping/Pump	50%	2034	* *	4	\$300	
Central Plant Steam	50%	2036	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$3,500	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

echanical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Conditioning						
Conversion Equipment						
Window/Wall Unit	100%	2021	\$23,300	1		
ımbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$1,100	
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location: Basement					
	Explanation : Domestic Coil In I	Boiler / No Store	age			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location: Basement					
	Explanation: Serves Boiler Only	V				
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD

Address : 420 WEAVER ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.420 / 13779 Yr Built/Renovated : 1906 /

Area Sq Ft : 10,935 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$129,200	
Electrical		\$45,000
Total	\$129,200	\$45,000
Importance Code A	\$129,200	
Importance Code B		\$45,000
Total	\$129.200	\$45,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				\$34,800
Interior Architecture	\$18,500	\$500	\$400	\$200
Electrical				\$100
Mechanical	\$1,300	\$1,600	\$24,700	\$1,900
Total	\$19,800	\$2,100	\$25,100	\$37,000
Importance Code A	\$1,000	\$1,000	\$1,000	\$35,800
Importance Code B	\$17,900	\$600	\$24,100	\$1,200
Importance Code C	\$1,000	\$500		
Total	\$19,800	\$2,100	\$25,100	\$37,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD

Asset #: 13779

rchitecture	Current Repa	air Futur	ure Replacement N		Maintenance	
ystem Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior						
Exterior Walls						
Masonry: Brick	75%	LIFE	* *	5	\$30,100	
Granite Panels	5%	LIFE	* *	5	\$1,500	
Wood	20% Now	\$45,900 2039	* *	5	\$20,100	
	Paint Peeling, Extent : M		: 100%			
	Location: Siding, Porc					
	Worn/Eroded, Extent: M	oderate, Area Affected	: 20%			
	Location: Porch Floor	S				
Windows						
Wood	100% Now	\$83,300 2051	* *	5	\$34,000	
	Air Infiltration, Extent : I	Aoderate, Area Affected	l: 10%			
	Location: Throughout.					
	Thermally Inefficient, Ext	ent : Moderate, Area A	ffected : 100%			
	Location: Throughout					
	Worn/Eroded, Extent: M	oderate, Area Affected	: 100%			
	Location: Throughout					
Roof						
Asphalt Shingle	70%	2035	* *	10	\$2,500	
Roll Roofing	30%	2022	\$29,300	5	\$10,900	
terior			*		•	
Floors						
Cast in Place Concrete	10%	LIFE	* *	5	\$3,300	
Ceramic Tile	5%	2041	* *	5	\$800	
Vinyl Tile	10%	2031	* *	3	\$800	
Wood	50% Now	\$13,800 2054	* *	5	\$7,200	
	Deteriorated Finish, Exte	nt : Moderate, Area Af	fected : 50%			
	Location : B Side, Thro	ughout.				
Wood	25%	2054	* *	5	\$7,200	
Interior Walls	2070	2001			Ψ7,200	
Ceramic Tile	5%	2035	* *	5	\$1,000	
Masonry: Brick	25%	LIFE	* *	3	ψ1,000	
Granite Panels	5%	LIFE	* *			
Plaster	55%	LIFE	* *	5	\$3,200	
Taster	Paint Peeling, Extent: Li		2/6	3	\$3,200	
	Location : Stairwell	gm, meany cerea . 10	. 0			
		Φ1 000 I IEE	* *		Φ7.000	
Wood	10% Now	\$1,000 LIFE		5	\$7,900	
	Worn/Eroded, Extent : Li					
	Location : Attic Bedroo	<u>m</u>				
Ceilings	100/			_	*=**	
Embossed Metal	10%	LIFE	* *	5	\$700	
	Paint Peeling, Extent: M		: 5%			
	Location: Throughout	Embossed Ceiling.				
Plaster	80%	LIFE	* *	5	\$7,700	
	Paint Peeling, Extent : Li	ght, Area Affected : 10	%			
	Location: Various Loca	ations				
Wood	10%	LIFE	* *	5	\$13,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD Asset #: 13779

Electrical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Control (Years)	ost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5		
	Other Observation, Extent : Light, A	Area Affected : 100	%			
	Location: Basement Front Room.					
	Explanation: 1-200 Amperes Serv	vice Switch Serving	Both Buildi	ngs.		
Raceway						
Conduit	60%	2026	\$2,500	1		
Conduit	40%	2046	* *	1		
Panelboards						
Fused Disc Sw	50%	2042	* *	5	\$100	
Molded Case Bkrs	50%	2042	* *	5	\$100	
	Other Observation, Extent : Light, A	Area Affected : 100	%			
	Location: Basement					
	Explanation: Branch Circuit Pan	el.				
Wiring						
Thermoplastic	60%	2026	\$5,300	1		
Thermoplastic	40%	2046	* *	1		
Ground						
Grounding Devices				_		
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Batteries	1000/					
Not Accessible	100%					
Lighting						
Interior Lighting	1000/	2026	#24 400	1.0	ΦΟ 400	
Fluorescent	100%	2026	\$24,400	10	\$9,400	
	Other Observation, Extent: Light, A		7%0			
	Location: Throughout The Building	ng				
	Explanation: T-8 Fixtures.					
Exterior Lighting	1000/	2026	Φ45 OCO	1.0		
HID	100%	2026	\$45,000	10		

Mechanical	Current Repair	Future Repla	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,200	
	Other Observation, Extent: Light, Are	ea Affected : 100%	6			
	Location: Basement					
	Explanation: A And B Sides -2- 275	Gallon Tanks				
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$10,100	
Distribution						
Central Plant Steam	100%	2036	* *	4	\$800	
Piping/Pmp						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD

Asset #: 13779

lechanical	Current Repair	Future Re	eplacement	M	aintenance	
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$3,300	
r Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$21,800	1		
umbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Steam Fired	100%	2046	* *	4	\$1,000	
	Other Observation, Extent : L	ight, Area Affected : 10	00%			
	Location: Basement					
	Explanation : Domestic Coil	In Boilers With 40 Ga	llon Storage T	anks		
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent : L	ight, Area Affected : 10	00%			
	Location: Basement					
	Explanation : Serves Boiler	Only				
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 114 Address : 5209 5TH AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSLAD.114 / 13223 Yr Built/Renovated : 1897 /

Area Sq Ft : 3,202 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Jun-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 808 Lot : 6 BIN : 3013940

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$38,500
Interior Architecture	\$66,200	
Mechanical		\$50,700
Total	\$66,200	\$89,100
Importance Code A		\$38,500
Importance Code B	\$66,200	\$50,700
Total	\$66,200	\$89,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,900		\$2,600	
Interior Architecture	\$56,600			\$400
Electrical	\$32,700		\$17,300	\$38,500
Mechanical	\$6,100	\$400	\$45,500	\$2,300
Total	\$118,300	\$400	\$65,400	\$41,200
Importance Code A	\$23,900	\$300	\$22,300	\$300
Importance Code B	\$80,200	\$100	\$43,100	\$40,700
Importance Code C	\$14,300			\$200
Total	\$118,300	\$400	\$65,400	\$41,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 LADDER CO. 114

Asset #: 13223

Architecture	Current R	epair	Future Replacement		M	aintenance	
system Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Masonry: Brick	80% Now	\$19,700	LIFE	* *	5	\$13,100	
	Jnt Mortar Miss/Erod		te, Area A	ffected : 10%			
	Location : East Face						
	Spalling, Extent: Mod		ted : 5%				
	Location : East Face	ade					
Masonry: Limestone	10%		LIFE	* *	5	\$1,200	
Metal Sect. OHD	10%		2036	* *	5	\$5,100	
Windows							
Aluminum	100% Now	\$3,200	2039	* *	5	\$400	
	Ctrwt/Balnc Not Func						
	Location : 1st Floor	Bath And 2nd Flo	or East,	Throughout			
Parapets							
Cast Stone/Terra Cotta	10%		LIFE	* *	5	\$1,400	
Masonry: Brick	90%		LIFE	* *	5	\$1,600	
Roof							
Modified Bitumen	100%		2028	\$38,500	10	\$6,600	
terior							
Floors	- 00/ 37	44.400		als als	_	40.00	
Cast in Place Concrete	70% Now	\$26,300	LIFE	**	5	\$9,200	
	Cracking/Crumbling,		rea Affec	ted: 50%			
	Location: Throughout T		A CC .	1 500/			
	Other Observation, Ex		a Affecte	a: 50%			
	Location : Apparatu						
	Explanation : Struct			*		*	
Vinyl Tile	30% 0-2	\$3,100	2028	\$15,400	3	\$700	
	Cracking/Crumbling,	_	ea Affecte	ed: 20%			
	Location : Througho	put					
Interior Walls	70/		2022		-	Φ.4.0.0	
Ceramic Tile	5%		2032	* *	5	\$400	
Gypsum Board	10%	00.700	LIFE	* *	5	\$500	
Masonry: Brick	30% Now	\$9,700	LIFE				
	Water Penetration, Ex Location: Througho		АЈЈестеа	. 20%			
		ui					
SGFT/Glazed Masonry	30%		LIFE	* *	_		
Wood	25% Now	\$4,600	LIFE	**	5	\$8,300	
	Worn/Eroded, Extent		Affected :	25%			
	Location : 2nd Floor	r 1hroughout					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 LADDER CO. 114

Asset #: 13223

Architecture	Current Re	pair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	40% Now Broken/Missing Elemen Location: Kitchen An Staining/Discoloring, E. Location: 2nd Floor a Worn/Eroded, Extent: I Location: Throughout	d 2nd Floor xtent : Moderate Throughout Moderate, Area	e, Area Affect	ed : 10%	5	\$1,200	
Embossed Metal	30% 4+ Deformed/Dented, Exter Location: Throughout	=	LIFE Affected : 109	* *	5	\$800	
Masonry:Vault Struct	30% Now Broken/Missing Elemen Location: Cellar Other Observation, Exte Location: Cellar Explanation: Structur	ent : Severe, Are	a Affected : 1	100%			

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$4,800	5		
			xtent : Moderate, 1	Area Affe	ected : 100%			
	Location	: Basemen	t					
	Explanat	ion : One 2	200 Amperes Main	Disconn	ect Switch			
Raceway								
Conduit	100%			2023	\$31,300	1		
Panelboards								
Fused Disc Sw	10%			2022	\$3,800	5		
Molded Case Bkrs	90%			2022	\$34,600	5	\$100	
Wiring								
Braided Cloth	40%	2-4	\$11,100	2048	* *	1		
	Insulation .	Aged, Exte	nt : Moderate, Are	a Affecte	ed : 100%			
	Location	: Through	out					
Thermoplastic	60%			2023	\$16,600	1		
Motor Controllers								
Locally Mounted	100%			2021	\$14,400	5		
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,500	LIFE	* *	5		
	Other Obse	ervation, E	xtent : Moderate, 1	Area Affe	ected : 100%			
	Location	: Water M	ain					
	Explanat	ion : Corre	oded					

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 LADDER CO. 114

Asset #: 13223

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	100%	2031	* *	10	\$2,900	
	Other Observation, Extent: Moderate	e, Area Affectea	d: 100%			
	Location: Throughout					
	Explanation: T8 Lamps					
Exterior Lighting						
HID	100%	2019	\$12,100	10		

Mechanical		Current Re	pair	Future Replacement		M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/				* 400			
Natural Gas	100%	Г С	A A CC .	2023	\$400	1		
	Corroaea, Location		ere, Area Affecte	a: 100%				
C	Location	. Cellar						
Conversion Equipment Steam Boiler	100%	0-2	\$1,000	2021	\$19,400	1	\$2,900	
Steam Boner			\$1,000 derate, Area Affe			1	\$2,700	
		: Boiler She						
	Other Obs	ervation, Ex	ent : Light, Area	Affected	: 100%			
		: Basement		55				
	Explana	tion : 2 Units						
Distribution								
Central Plant Steam	100%	Now	\$5,100	2023	\$50,700	4	\$200	
Piping/Pmp								
			ere, Area Affecte	d: 30%				
	Location	: Throughou	<u>it</u>					
Terminal Devices	1000/			2021	¢1.6.000	1	¢1 000	
Convector/Radiator	100%			2021	\$16,000	1	\$1,000	
Air Conditioning Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment	10070			2031		-		
Window/Wall Unit	50%			2021	\$3,100	1		
No Component	50%				¥-,			
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galvanized Steel	50%			2021	\$6,600	1		
Water Heater								
Gas Fired	100%			2022	\$1,800	2		
Sanitary Piping	4000							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/			TIPE	* *	1		
Cast Iron	100%			LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 LADDER CO. 114

Asset #: 13223

Current Rep	pair Futur	e Replacement	М	aintenance	
% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
	% of Fail Date E	% of Fail Date Estimated Cost Year	% of Fail Date Estimated Cost Year Estimated Cost	% of Fail Date Estimated Cost Year Estimated Cost Cycle	% of Fail Date Estimated Cost Year Estimated Cost Cycle Estimated Cost

Fixtures

Generic 100%

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Address : 247-253 LAFAYETTE STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSLAD.020 / 13218 Yr Built/Renovated : 1965 /

Area Sq Ft : 28,866 Project Type : FIRE DEPARTMENT

Date of Survey : 06-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 495 Lot : 7 BIN : 1007523

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$149,200	
Interior Architecture	\$36,700	
Electrical	\$7,800	\$172,700
Mechanical	\$68,700	\$195,100
Total	\$262,400	\$367,800
Importance Code A	\$149,200	
Importance Code B	\$113,200	\$367,800
Total	\$262,400	\$367,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$63,800	\$1,600		
Interior Architecture	\$42,900	\$10,700	\$1,100	\$10,000
Electrical	\$11,500	\$4,400	\$3,600	\$5,400
Mechanical	\$6,900	\$4,800	\$6,700	\$31,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$129,000	\$25,500	\$15,300	\$51,000
Importance Code A	\$65,200	\$3,000	\$1,400	\$1,800
Importance Code B	\$57,200	\$21,900	\$13,900	\$49,200
Importance Code C	\$6,600	\$600		
Total	\$129,000	\$25,500	\$15,300	\$51,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

rchitecture	Current Repair	Future Replacement	ent Maintenance		
rstem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls	20/ 21	00 IIDD **	-	Ф1 700	
Cast in Place Concrete	3% Now \$3,3 Cracking/Crumbling, Extent: Light Location: Above Overhead Door Exposed Reinforcement, Extent: M Location: Street Facade Spalling, Extent: Moderate, Area A Location: Street Facade	t, Area Affected : 10% s Ioderate, Area Affected : 20%	5	\$1,500	
	Staining/Discoloring, Extent : Mod Location : Above Overhead Door				
Masonry: Brick	87% Now \$25,4 Diagonal Cracks, Extent: Moderat Location: South West Corner, 3r. Jnt Mortar Miss/Erod, Extent: Mod Location: Bulkheads	te, Area Affected : 15% d Story Street Facade	5	\$8,400	
Metal Sect. OHD	10%	2040 **	5	\$3,000	
Windows					
Aluminum	95% Now \$25,3 Air Infiltration, Extent: Moderate, Location: Throughout Ctrwt/Balnc Not Funct, Extent: Mo Location: Throughout Misaligned/Bulging, Extent: Mode Location: Various Windows Thro	Area Affected : 100% oderate, Area Affected : 30% rate, Area Affected : 25%	5	\$300	
Steel	5% Now \$1,7 Deteriorated Finish, Extent: Mode Location: Stairs Misaligned/Bulging, Extent: Seven Location: Stairwells	rate, Area Affected : 25%	5	\$200	1
Parapets					
Masonry: Brick	95% Now \$8,0 Jnt Mortar Miss/Erod, Extent: Ligit Location: Interior Parapet Face Staining/Discoloring, Extent: Mod Location: Throughout Vegetation Growth, Extent: Severe	ht, Area Affected : 30% erate, Area Affected : 20% e, Area Affected : 20%	5	\$1,400	
D C + C	Location: First And Fourth Stori			Φ.Ε.Ο.Ο.	
Pre-Cast Concrete	5% Now \$1 Caulking Deteriorated, Extent: Lig Location: Coping Joints	00 LIFE ** ght, Area Affected: 20%	5	\$500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Roof								
Asphalt Shingle	2%			2030	* *	10	\$100	
Modified Bitumen	98%	Now	\$149,200	2030	* *	10	\$100	
Widelifed Breamen			lerate, Area Affect					
			st, Second And Fo		rs			
	Debris Pro	esent, Exter	t : Moderate, Ared	a Affectea	l : 25%			
		: Through						
	_	Extent : Mo : All Roofs	derate, Area Affec	ted : 30%	ó			
	_	en/Split, Ex : Through	tent : Moderate, A out	rea Affec	ted : 25%			
	Location	: Lower R	xtent : Severe, Are oof, North Side					
			xtent : Severe, Are Hatch, South Stair	a Affected	d : 10%			
nterior								
Floors	100/			• • • •	*		4.5 - 0.0	
Carpet	10%	NT	¢22 400	2026	\$55,100 * *	3	\$6,500	
Cast in Place Concrete	Cracking/	_	\$22,400 Extent : Moderate pparatus Floor	LIFE , Area A <u>f</u>		5	\$23,600	
		rface, Exte : Apparatı	nt : Moderate, Are us Floor	a Affecte	d : 10%			
Ceramic Tile	5%			2036	* *	5	\$2,200	
Terrazzo	2%			LIFE	* *	5	\$700	
Vinyl Tile		Now	\$36,700	2037	* *	3	\$1,600	
	_		Extent : Severe, Ar d Fourth Floor Co					
Vinyl Tile	45%			2032	* *	3	\$7,300	
Wood	3%			2055	* *	5	\$2,400	
Interior Walls								
Ceramic Tile	2%			2040	* *	5	\$1,200	
Concrete Masonry Unit	Diagonal		\$6,600 ent : Moderate, A	LIFE ea Affect	* * red : 5%	5	\$2,400	
	Vertical C	: Parking racks, Exte : Cellar, S	nt : Moderate, Are	a Affecte	d : 15%			
Gypsum Board	20%			LIFE	* *	5	\$7,100	
Plaster	48%			LIFE	* *	5	\$8,600	
SGFT/Glazed Masonry	20%			LIFE	* *		+ -) +	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset	#	:	13218
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Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	35%			2032	* *	5	\$18,900	
AcousTileSusp.Lay-In	20%			2040	* *	5	\$8,600	
Exposed Concrete	20%	Now	\$13,900	LIFE	* *	5	\$1,400	
-	Cracking/0	Crumbling, E.	xtent : Light, Are	a Affecto	ed : 5%			
	Location	: Stair 3 At C	Cellar					
Gypsum Board	25%			LIFE	* *	5	\$13,500	

Electrical		Current	Repair	Future Replacement Ma		aintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts										
Service Equipment										
Molded Case Bkrs	100%			2027	\$4,800	5	\$800			
			Extent : Moderate, 1	Area Affe	ected : 100%					
		: Electric								
	Explanat	ion : No A	vailable Nameplate	Rating						
Switchgear / Switchboard										
Molded Case Bkrs	100%			2027	\$48,800	5	\$800			
Raceway										
Conduit	20%			2037	* *	1				
Conduit	70%			2027	\$21,900	1				
Conduit	10%			2053	* *	1				
Panelboards										
Molded Case Bkrs	70%			2026	\$26,900	5	\$500			
Molded Case Bkrs	20%			2035	* *	5	\$200			
Molded Case Bkrs	10%			2049	* *	5	\$100			
Wiring										
Thermoplastic	20%			2037	* *	1				
Thermoplastic	70%			2027	\$19,400	1				
Thermoplastic	10%			2053	* *	1				
Motor Controllers										
Locally Mounted	100%			2025	\$14,400	5	\$200			
Ground										
Grounding Devices										
Generic	100%	0-2	\$9,500	LIFE	* *	5	\$400			
		Other Observation, Extent: Moderate, Area Affected: 100%								
	Location	: Basemer	nt							
	Explana	ion : Corr	oded And Connecte	ed To Ma	in Water Pipe.					
Stand-by Power										
Transfer Switches										
Automatic	100%			2025	\$4,800	1	\$8,900			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Electrical	Current Repair	Future Re	Future Replacement Maintenance						
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Stand-by Power									
Generators	1000/		* • • • • • • • • • • • • • • • • • • •		444.000				
Diesel	100%	2023	\$65,700	1	\$11,200				
	Other Observation, Extent: Moderate	, Area Affected	: 100%						
	Location: Generator Room	D = 4 = 1 @ 201=							
Batteries	Explanation : Emergency Generator	катеа ш зоки							
Lead/Acid	100%	2020	\$1,500	5	\$1,100				
	10070	2020	\$1,500	3	\$1,100				
Fuel Storage Day Tank	50%	2026	\$1,000	5	\$2,700				
Day Talik	Other Observation, Extent : Moderate			3	\$2,700				
	Location: Generator Room	, mea myeetea	. 10070						
	Explanation: 10 Gallons Rated Cap	acity							
Main Tank	50%	2030	* *	5	\$400				
Maiii Talik			. 100%	3	\$400				
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Generator Room								
	Explanation: 275 Gallons Rated Ca	nacity							
Lighting	Explanation : 273 Guitons Raica Ca	pacny							
Interior Lighting									
Fluorescent	2%	2027	\$1,600	10	\$500				
	Compact Fluorescent Light, Extent : M		. ,		4-00				
	Location : Basement								
Fluorescent	10%	2022	\$7,800	10	\$2,600				
Tractoscont	T-12 Lamps And Fixtures, Extent: Mo				Ψ2,000				
	Location: Throughout The Building	_	3						
Fluorescent	10%	2035	* *	10	\$2,600				
Tuorescent	T-8 Lamps And Fixtures, Extent : Mod		ected : 100%	10	\$2,000				
	Location: 2nd Floor	ieraie, mica my	. 10070						
Fluorescent	38%	2027	\$29,700	10	\$10,100				
Fluorescent				10	\$10,100				
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building								
LED			* *						
LED	40%	2035							
Egress Lighting	500/	2022	* *	1					
Emergency, Service Exit, Service	50% 50%	2032 2032	* *	l 1					
	3070	2032		1					
Exterior Lighting Fluorescent	20%	2027	¢19 500	10	\$500				
riuorescent	20% Compact Fluorescent Light, Extent : M		\$18,500 Affected: 100	10	\$300				
	Location : Outside	поистине, Атей	ијестен. 100	. / 0					
NI. C									
No Component	80%								

Mechanical	Cur	rent Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Mechanical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2037	* *	1		
Conversion Equipment	10070						
Hot Water Boiler	85%		2032	* *	1	\$12,100	
	Other Observation, E. Location: Basemen Explanation: 1 Uni	t Boiler Room	Affected	: 85%			
Hot Water Boiler	15%		2044	* *	1	\$2,100	
	Recent Installation, E Location: 2nd Floo	_	Affected			, ,	
Distribution							
Hot Wtr Piping/Pump	85% 0-2 Corroded, Extent : Mo Location : Basemen		2035 cted : 5%	* *	4	\$1,200	
Hot Wtr Piping/Pump	15%		2049	* *	4	\$200	
	Recent Replace Evide Location : 2nd Floo	_	Area Affe	ected : 15%			
Terminal Devices							
Convector/Radiator	45%		2032	* *	l	\$4,200	
Convector/Radiator	15% Recent Installation, E Location : 2nd Floo	_	2044 Affected		1	\$1,400	
Fan Coil Unit/Heat	20%		2027	\$80,800	1	\$1,900	
Unit Heater - Steam	20%		2032	* *	4	\$800	
Air Conditioning Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	30% Now	\$68,700	2037	* *	1	\$3,600	
1	R-22 Refrigerant, Ext Location: Penthous	_	ffected :	30%			
	Other Observation, E. Location : Penthous		a Affecte	d : 30%			
	Explanation: A ged	Equipment / Chille	er Jackets	s Off And Missing			
Window/Wall Unit No Component	50% 20%		2025	\$28,100	1		
Distribution CW & CHW Wtr Pipe/Pump	30% Now	\$400	2037	* *	4	\$400	
r iport ump	Insul. Deteriorating, I Location : Mechanic			ed : 5%			
No Component	70%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Other Observation, Extent: Light, Area Affected: 15% Location: 2nd Floor Division Explanation 15% 2027 \$75,800 1 \$1,40	lechanical	Curi	rent Repair	Futur	e Replacement	M	laintenance			
Terminal Devices Fan Coil - 2 Pipe	Component				Estimated Cost		Estimated Cost	Priority		
Fan Coil - 2 Pipe										
Other Observation, Extent: Light, Area Affected: 15% Location: 2nd Floor Division 1 Explanation: New Installation										
Location : 2nd Floor Division 1 Explanation : New Installation Sew Installation S	Fan Coil - 2 Pipe					1	\$1,400			
Explanation : New Installation State			_	a Affected	: 15%					
Fan Coil - 4 Pipe No Component 70% 15% 2027 \$75,800 1 \$1,40										
No Component 70%	F 6 11 4 P		New Installation	2025	Φ.σ.σ.ο.ο.ο		#1.400			
Heat Rejection	-			2027	\$75,800	1	\$1,400			
Air Cooled Condenser Unit		7/0%								
Unit Evaporative Condenser 15% 2035 ** 2 \$3,00		200/		2022	¢12 100	2	¢c 000			
Evaporative Condenser 15% 2035 ** 2 \$3,00		30%		2022	\$13,100	2	\$6,000			
No Component S5%		150%		2025	* *	2	\$3,000			
No Component S5%	Evaporative Condenser		ion Extent · Light Are			2	\$3,000			
No Component 55%				a rijjecieu	. 13/0					
Ventilation	No Component		ver Rooj							
Distribution		33%0								
Ductwork/Diffusers 100%										
Exhaust Fans Interior		100%		LIFE	* *	2-5	\$16,100			
Interior		10070		LII L			ψ10,100			
Roof 60% Now \$500 2027 \$26,900 2 \$40		40%		2027	\$38,400	2	\$400			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			w \$500		•		\$400			
			·		·		,			
Plumbing										
H/C Water Piping Brass/Copper 100% 2037 ** 1 Water Heater Electric 15% 2026 \$3,600 4 Cast Fired Other Observation, Extent : Light, Area Affected : 15% Location : 1 Unit Explanation : 1 Unit Other Observation, Extent : Light, Area Affected : 85% Location : Basement Explanation : 2 - 80 Gallon Units Sanitary Piping Cast Iron 100% LIFE * * 1 Storm Drain Piping Cast Iron 100% LIFE * * 1 Sump Pump(s) Sump Pump(s) LIFE * * 1		Explanation:	1 Cover Is Missing							
Brass/Copper 100% 2037 ** 1 Water Heater Electric 15% 2026 \$3,600 4 Other Observation, Extent : Light, Area Affected : 15% Location : 2nd Floor Division 1 Explanation : 1 Unit Gas Fired 85% 2022 \$14,000 2 \$40 Other Observation, Extent : Light, Area Affected : 85% Location : Basement Explanation : 2 - 80 Gallon Units Sanitary Piping Cast Iron 100% LIFE * * 1 Storm Drain Piping Cast Iron 100% LIFE * * 1 Sump Pump(s)	umbing									
Water Heater 15% 2026 \$3,600 4 Other Observation, Extent : Light, Area Affected : 15% Location : 2nd Floor Division 1 Explanation : 1 Unit Gas Fired 85% 2022 \$14,000 2 \$40 Other Observation, Extent : Light, Area Affected : 85% Location : Basement Explanation : 2 - 80 Gallon Units Sanitary Piping Cast Iron 100% LIFE ** * 1 Storm Drain Piping Cast Iron 100% LIFE ** * 1 Sump Pump(s) Sump Pump(s) ** * 1 ** * 1	H/C Water Piping									
Electric		100%		2037	* *	1				
$Cother Observation, Extent: Light, Area Affected: 15\% \\ Location: 2nd Floor Division 1 \\ \underline{Explanation: 1 \ Unit}$ $Sas Fired $	Water Heater									
	Electric					4				
$\frac{Explanation: 1\ Unit}{85\%}$ $\frac{85\%}{Other\ Observation,\ Extent:\ Light,\ Area\ Affected:\ 85\%}$ $\frac{Location:\ Basement}{Explanation:\ 2-80\ Gallon\ Units}$ $\frac{Cast\ Iron}{Storm\ Drain\ Piping}$ $\frac{Cast\ Iron}{Cast\ Iron}$ $\frac{100\%}{Sump\ Pump(s)}$ $\frac{LIFE}{Sump\ Pump(s)}$				a Affected	: 15%					
San Fired 85% 2022 \$14,000 2 \$40										
Other Observation, Extent: Light, Area Affected: 85% Location: Basement Explanation: 2 - 80 Gallon Units Sanitary Piping Cast Iron 100% LIFE ** 1 Storm Drain Piping Cast Iron 100% LIFE ** 1 Sump Pump(s)			1 Unit							
Location: Basement Explanation: 2 - 80 Gallon Units Sanitary Piping Cast Iron 100% LIFE ** 1 Storm Drain Piping Cast Iron 100% LIFE ** 1 Sump Pump(s)	Gas Fired					2	\$400			
Explanation : 2 - 80 Gallon Units Sanitary Piping LIFE * * 1 Cast Iron 100% LIFE * * 1 Storm Drain Piping LIFE * * 1 Cast Iron 100% LIFE * * 1 Sump Pump(s)										
Sanitary Piping Cast Iron 100% LIFE ** 1 Storm Drain Piping Cast Iron 100% LIFE ** 1 Sump Pump(s)										
Cast Iron 100% LIFE ** 1 Storm Drain Piping Cast Iron LIFE ** 1 Sump Pump(s) LIFE ** 1		Explanation:	2 - 80 Gallon Units							
Storm Drain Piping Cast Iron 100% LIFE ** 1 Sump Pump(s)		1005				,				
Cast Iron 100% LIFE ** 1 Sump Pump(s)		100%		LIFE	* *	1				
Sump Pump(s)		1000/			مام مام					
		100%		LIFE	* *	1				
Non-Submersible 100% 2027 \$4.100 4 \$90		1000/		2025	0.4.4.0.0	_	4000			
		100%		2027	\$4,100	4	\$900			
Backflow Preventer Generic 100% 2035 ** 1 \$1.80		1000/		2025	ىد بىلە -		# 1 000			
Generic 10070 2033 1 \$1,00		100%		2035	* *	1	\$1,800			
Fixtures 1009/		1000/								
Generic 100% Vertical Transport		100%								

Vertical Transport

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Light, Area	a Affected : 1009	%			
	Location: Basement To 4th Floor					
	Explanation : 1 - Unit					
Fire Suppression						
Sprinkler						
No Component	50%					
Generic	50%	2037	* *	1-2	\$4,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 25/ENGINE CO. 74/ HOOK 25

Address : 205 W 77th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 13,300 Project Type : FIRE DEPARTMENT

Date of Survey : 11-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1169 Lot : 26 BIN : 1030885

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$43,200
Interior Architecture	\$65,500	
Total	\$65,500	\$43,200
Importance Code A		\$43,200
Importance Code B	\$65,500	
Total	\$65,500	\$43,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,000			\$5,700
Interior Architecture	\$35,300		\$3,900	
Electrical	\$1,100	\$1,300	\$2,800	\$13,000
Mechanical	\$2,000	\$3,900	\$2,400	\$1,400
Total	\$66,300	\$5,200	\$9,200	\$20,100
Importance Code A	\$28,700	\$700	\$700	\$6,300
Importance Code B	\$2,400	\$4,500	\$5,600	\$13,700
Importance Code C	\$35,300		\$2,900	
Total	\$66,300	\$5,200	\$9,200	\$20,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Architecture	Currer	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•		•				•
Exterior Walls							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$15,700	
Masonry: Brick	66%		LIFE	* *	5	\$26,500	
Masonry: Limestone	20%		LIFE	* *	5	\$6,000	
Metal Panel	2%		2047	* *	5-10	\$5,500	
Metal Sect. OHD	5%		2044	* *	5	\$6,300	
Window Wall	2%		2047	* *	5	\$3,000	
Windows							
Aluminum	100%		2043	* *	5	\$2,100	
Parapets							
Cast Stone/Terra Cotta	20% Now	\$2,000	LIFE	* *	5	\$6,100	
	Broken/Missing El	ements, Extent : Seve	re, Area	Affected : 5%			
	Location: North	West Corner Of Para	ipet Wali	!			
Masonry: Brick	45% Now	\$10,200	LIFE	* *	5	\$1,800	
Wassing: Briek		ements, Extent : Seve		Affected : 10%	J	Ψ1,000	
	_	West Corner Of Para					
		Extent : Moderate, A	•				
		Wall - Stepped Down					
Metal Panel	35%	····· SIIFFIII - SIIII	2047	* *	5	\$5,300	
Roof	3370		2047			\$3,300	
Modified Bitumen	Location : Vario	\$8,600 Ioderate, Area Affect us Locations Through tent : Moderate, Area	out				
	Location : Severa	ghout Extent : Moderate, A Il Locations Along Lo Moderate, Area Affec	ap Joints				
	Location : Middle	e Of Roof					
Skylight, Plastic	2%	-	2044	* *	1		
Sloped Glazing	5% Now Water Penetration,	\$4,100 Extent : Moderate, A	LIFE	* * ected : 10%	5	\$9,400	
	Location : At Kite	chen					
Not Accessible	Location:	, Extent : Light, Area affolding And Netting			struction		
terior	Елрининон . ЭСС	ojjouing mu mening	ser op -	The grooting Con.	sir action		
Floors							
Cast in Place Concrete	40%		LIFE	* *	5	\$17,400	
Cast in Frace Concrete Ceramic Tile	10%		2036	* *	5	\$2,000	
Wood	50% 2-4	\$65,500	2055	* *	5	\$2,000	
yy oou		h, Extent : Severe, Ar			3	\$9,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	20%			2036	* *	5	\$5,900	
Concrete Masonry Unit	5%			LIFE	* *	5	\$600	
Glass: Single Pane	3%			LIFE	* *	5	\$700	
Gypsum Board	5%			LIFE	* *	5	\$900	
Masonry: Brick	25%	Now	\$28,700	LIFE	* *			
	Location Water Pen	: Rear Wa	Extent : Light, Are ll - At Kitchen extent : Severe, Are					
	Worn/Ero		: Severe, Area Aff	ected : 59	%			
Plaster	22%			LIFE	* *	5	\$1,900	
Wood	20%	4+	\$6,600	LIFE	* *	5	\$23,600	
		r/Impact D : Through	amage, Extent : M out	oderate,	Area Affected : 10	0%		
Ceilings								
Exposed Struc: Steel	30%			LIFE	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	: Below A _l	pparatus Floor					
	Explana	tion : Mate	rial Actually Metal	Decking	3			
Metal Panel	20%			LIFE	* *	5	\$5,000	
Plaster	50%			LIFE	* *	5	\$6,200	

ectrical	Current Repair	Future Rep	lacement	М	aintenance	
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5	\$100	
	Other Observation, Extent .	: Moderate, Area Affected :	100%			
	Location: Basement					
	Explanation: Main Service	ce Disconnect Switch Rated	! @ 600 Ampe	eres.		
Switchgear / Switchboard						
Fused Disc Sw	100%	2047	* *	5	\$100	
Raceway						
Conduit	100%	2047	* *	1		
Panelboards						
Fused Disc Sw	2%	2043	* *	5		
Molded Case Bkrs	98%	2043	* *	5	\$300	
Wiring						
Thermoplastic	100%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5	\$100	

Ground

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches	1000/	2040	* *		04.100	
Automatic	100%	2040	~ ~ ~	1	\$4,100	
Generators Diesel	100%	2036	* *	1	\$5,200	
Diesei	Other Observation, Extent : M			1	\$3,200	
	Location: Basement	oueraie, meu mjecieu	10070			
	Explanation : Emergency Ge	nerator Rated @ 80kva				
Batteries	Ziquinanen i Zinergene) Ge	nermer ranea e conra				
Lead/Acid	100%	2021	\$1,500	5	\$500	
Fuel Storage		<u>-</u>	+)		****	
Day Tank	50%	2043	* *	5	\$1,200	
•	Other Observation, Extent : M	oderate, Area Affected : .	100%			
	Location: Basement					
	Explanation: 25 Gallons Rai	ted Capacity				
Main Tank	50%	2055	* *	5	\$200	
	Other Observation, Extent : M	oderate, Area Affected : .	100%			
	Location: Basement					
	Explanation: 550 Gallons Re	ated Capacity				
Lighting						
Interior Lighting						
Fluorescent	70%	2032	**	10	\$8,500	
	Compact Fluorescent Light, E.		fected: 100)%		
	Location : Throughout The B					
Fluorescent	25%	2032	**	10	\$3,100	
	T-8 Lamps And Fixtures, Exter Location: Basement And 1st		ted : 100%			
Incandescent	5%	2032	* *	2		
Egress Lighting	500 /	2022	al. 18:			
Emergency, Service	50%	2032	* *	l		
Exit, LED	50%	2055	* *	1		
Exterior Lighting	200/	2022	* *	10	#200	
Fluorescent	20% Compact Fluorescent Light, E	2032	Gastad . 100	10	\$200	
	Location : Outside	мет . тоаетае, атеа ад	jeciea . 100	//0		
N. C						
No Component	80%					
Alarm Eine/Smales Detection						
Fire/Smoke Detection No Component	80%					
Generic, Digital	20%	2032	* *	1-3	\$1,600	
Generic, Digital	Other Observation, Extent : M			1-3	\$1,000	
	Location: Hallways	oueruic, meu mjetiett	. 50/0			
	Explanation: Strobe Lights A	And Alarm Bells				
	Especiation . Silve Lights F	I IVWI III IJCUU				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Mechanical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2047	* *	1		
Conversion Equipment						
Furnace	40% Other Observation, Extent: Location: Roof Explanation: 5 Rtu	2032 Light, Area Affected : 40	**	1	\$2,600	
Hot Water Boiler	60% Other Observation, Extent: Location: Basement Explanation: Hydro-The	-		1	\$4,000	
Distribution	· · · · · · · · · · · · · · · · · · ·	•				
Hot Wtr Piping/Pump No Component	60% 40%	2043	* *	4	\$600	
Terminal Devices						
Convector/Radiator	20%	2040	* *	1	\$900	
Unit Heater - Steam	40%	2032	* *	4	\$700	
No Component	40%					
Air Conditioning Energy Source	1000/	20.42	* *	1		
Electricity	100%	2043	~ ~	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	2032	* *	2	\$800	
Training Cooming	R-22 Refrigerant, Extent : Location : 5 Units. Roof	ight, Area Affected : 100	%			
Ventilation						
Distribution						
Ductwork/Diffusers	80%	LIFE	* *	2-5	\$5,900	
No Component	20%					
Exhaust Fans						
Roof	80%	2027	\$16,500	2	\$300	
Wall Unit	20%	2032	* *	2	\$100	
Plumbing H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2025	\$7,600	2	\$200	
	Other Observation, Extent: Location: Basement Explanation: 2 - Units 99	J	00%			
Sanitary Piping	Zapromoni Z Omis //	Sarrons Euch				
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 LADDER CO. 25/ENGINE CO. 74/ HOOK 25

Asset #: 13219

Mechanical	Current Repair	Future I	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year E	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Non-Submersible	100%	2027	\$1,900	4	\$400	
	Other Observation, Extent : Lig	ht, Area Affected : .	100%			
	Location: Basement					
	Explanation: 2 Pits With Pun	ıps				
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2047	* *	1-2	\$3,700	
Chemical System						
Generic	100%	2020	\$1,900	1-3	\$3,700	
	Other Observation, Extent : Lig	ht, Area Affected :	100%			
	Location : Kitchen					
	Explanation: 1 Set					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1520

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 3

Address : 108 EAST 13rd STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,148 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 558 Lot : 11 BIN : 1009010

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$104,600
Electrical	\$30,800	\$48,800
Total	\$30,800	\$153,400
Importance Code A		\$104,600
Importance Code B	\$30,800	\$48,800
Total	\$30,800	\$153,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,300			
Interior Architecture	\$51,900	\$300	\$300	\$600
Electrical	\$26,100	\$400	\$400	\$400
Mechanical	\$9,600	\$700	\$26,600	\$700
Total	\$96,900	\$1,300	\$27,200	\$1,700
Importance Code A	\$9,800	\$500	\$500	\$500
Importance Code B	\$87,000	\$800	\$26,400	\$1,200
Importance Code C			\$300	
Total	\$96,900	\$1,300	\$27,200	\$1,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13215

Architecture		Current F	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls						_	*		
Masonry: Brick	78%			LIFE	**	5	\$15,100		
		pair Evider : Through	nt, Extent : Light, A out	Area Affe	cted : 25%				
Masonry: Granite	2%			LIFE	* *	5	\$300		
Masonry: Limestone	10%			LIFE	* *	5	\$1,500		
Wood Overhead Doors	10%			2028	\$61,400	5	\$9,700		
Windows									
Aluminum	100%			2039	* *	5	\$1,300		
Parapets									
Masonry: Brick	90%			LIFE	* *	5	\$3,000		
Masonry: Sandstone	10%			LIFE	* *	5	\$400		
Roof Modified Bitumen	100%	Now	\$8,700	2028	\$43,300				
Wodified Bitumen			derate, Area Affect		•				
		: East Side		20.1					
			derate, Area Affec	ted : 10%	6				
	_	: East Side							
	•	en/Split, Ex ı : East Side	tent : Moderate, A	rea Affec	eted : 10%				
Interior									
Floors Carpet	50/2	Now	\$4,900	2025	\$4,900	3	\$600		
Carpet	Worn/Ero		: Moderate, Area			3	\$000		
	Wrinkling	Extent : M	loderate, Area Affe	ected : 25	5%				
	_	: Second I							
Cast in Place Concrete	50%	Now	\$19,900	LIFE	* *	5	\$8,400		
		ervation, E : Apparati	Extent : Moderate, A us Floor	Area Affe	ected : 100%				
	Explana	tion : Appa	ratus Floor Is Not	Currentl	y Sound Enough Te	o Carry I	Existing Loads		
Ceramic Tile	10%			2032	* *	5	\$800		
Terrazzo	5%			LIFE	* *	5	\$300		
Vinyl Tile	30%			2023	\$19,500	3	\$900		
Interior Walls									
Ceramic Tile	5%			2026	\$14,500	5	\$500		
Masonry: Brick	20%			LIFE	* *				
Marble Panels	3%			LIFE	* *				
Plaster	42%			LIFE	* *	5	\$1,300		
SGFT/Glazed Masonry	30%			LIFE	* *				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13215

Architecture		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2028	\$3,100	5	\$400	
Exposed Concrete	55%	Now	\$27,100	LIFE	* *	5	\$700	
	Cracking/	Crumbling, E	Extent : Moderate	, Area Aj	ffected : 20%			
	Location	: Basement						
	Exposed R	Reinforcemen	t, Extent : Moder	ate, Area	Affected : 20%			
	Location	: Basement						
	Other Obs	ervation, Ex	tent : Moderate, A	Area Affe	cted : 100%			
	Location	: Basement						
	Explana	tion : Lally C	Columns Provide .	Addition	al Support To Appo	aratus Fl	oor	
Plaster	40%			LIFE	* *	5	\$1,900	

Electrical	Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	50%		2023	\$2,400	5		
		Extent: Moderate,	Area Affe	ected : 100%			
	Location : Baseme						
		in Service Switch Ra					
Fused Disc Sw	50%		2049	* *	5		
		Extent: Moderate,	Area Affe	ected : 100%			
	Location : Baseme						
	Explanation : Em	ergency Service Swi	ch Ratea	l @ 200 Amperes			
Switchgear / Switchboard	1000/		2022	# 40,000	_	#100	
Molded Case Bkrs	100%	T	2023	\$48,800	5	\$100	
	Location : Baseme	Extent : Moderate,	Area Affe	ectea : 100%			
	Explanation : Enc						
Raceway	Explanation . Enc	tosure Missing					
Conduit	100%		2023	\$31,300	1		
Panelboards	10070		2023	\$31,300	1		
Molded Case Bkrs	80%		2022	\$30,800	5	\$100	
Molded Case Bkrs	20%		2045	**	5	Ψ100	
Wiring	2070						
Braided Cloth	20% 2-4	\$5,500	2048	* *	1		
		tent : Moderate, Are		ed : 100%	_		
	Location : Baseme						
Thermoplastic	80%		2033	* *	1		
Ground	00.0						
Grounding Devices							
Generic	100% 0-2	\$9,500	LIFE	* *	5	\$100	
	Other Observation,	Extent : Moderate,	Area Affe	ected : 100%			
	Location : Baseme	ent	30				
	Explanation: Cor	roded					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13215

Electrical	Current Repair		e Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Stand-by Power								
Transfer Switches								
Automatic	100%	2040	* *	1	\$1,600			
Generators								
Diesel	100%	2036	**	1	\$2,000			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Basement	. 10 10 17						
D	Explanation: Diesel Generator Ra	ted @ 40 Kv	v					
Batteries	1000/	2010	¢1 500	-	¢200			
Lead/Acid	100%	2019	\$1,500	5	\$200			
Fuel Storage	1000/	2050	* *	-	¢200			
Main Tank	100% Other Observation, Extent: Modera	2058		5	\$200			
	Location : Basement	іе, Агей Ајје	ciea . 100%					
	Explanation: 170 Gallon Capacity	,						
ighting	Explanation: 170 Gation Capacity	/						
Interior Lighting								
Fluorescent	65%	2023	\$9,100	10	\$3,100			
Tidorescent	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Basement, 1st Floor	,,						
	Explanation: T-8 Lamps							
Fluorescent	35%	2019	\$4,900	10	\$1,700			
Tidorescent	Other Observation, Extent : Moderat		. ,	10	Ψ1,700			
	Location : Basement	,,						
	Explanation: T-12 Lamps							
Egress Lighting	1							
Emergency, Service	100%	2019	\$2,500	1				
Exterior Lighting			4-,500					
HID	100%	2023	\$19,400	10				

Mechanical	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2036	* *	1	\$5,100	
	Other Observation, Extent : Light,	Area Affected : 100	0%			
	Location: Basement					
	Explanation: 1 Unit					
Distribution						
Central Plant Steam	100%	2033	* *	4	\$300	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2021	\$25,800	1	\$1,700	
Air Conditioning						

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13215

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2019	\$5,000	1		
No Component	50%							
entilation								
Exhaust Fans	1.50/	2.4	0500	2020	#1.200	2		
Roof	15%		\$700	2028	\$1,200	2		
			Extent : Severe, Are	a Affecte	ed: 5%			
		: Kitchen	2'. 1 D E 1	. 7 77	. 1 6: 14 137	01.1		
		ion: The F	Kitchen Range Exh	aust Is U	nder Sized And Ve	ry Old		
No Component	85%							
lumbing								
H/C Water Piping	1000/			2022	* *	1		
Brass/Copper	100%			2033	* *	1		
Water Heater	1000/			2010	#2 000	2	#100	
Gas Fired	100%	amintian I	Entant Liabt Anna	2019	\$2,900	2	\$100	
		ervanon, E : Basemen	Extent : Light, Area	Ajjeciea	1: 100%			
		ion : 2 Uni	-					
Sanitary Piping	Ехрита	ion . 2 Oni	113					
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070			LILL		1		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	10070			LILL		1		
Sump rump(s) Submersible	100%			2019	\$200	4	\$200	
Fixtures	10070			2017	\$200	•	\$200	
Generic	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 47

Address : 1220 CASTLE HILL AVENUE @ ELLIS AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSLAD.047 / 13232 Yr Built/Renovated : 1912 /

Area Sq Ft : 6,340 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Apr-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 3821 Lot : 7 BIN : 2094871

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$61,200	
Total	\$61,200	
Importance Code A	\$61,200	
Total	\$61,200	

Total	\$175,700	\$1,000	\$1,100	\$5,200
Importance Code C	\$15,200			
Importance Code B	\$78,100	\$300	\$500	\$4,600
Importance Code A	\$82,400	\$600	\$600	\$600
Total	\$175,700	\$1,000	\$1,100	\$5,200
Site Pavements	\$500			
Site Enclosure	\$200			
Mechanical	\$8,500	\$900	\$1,000	\$4,900
Electrical	\$23,900		\$100	
Interior Architecture	\$60,900			\$300
Exterior Architecture	\$81,800			
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13232

rchitecture	Current Repair	Future Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls Masonry: Brick	70% 0-2 \$61,200 Cracking/Crumbling, Extent : Light, Are	LIFE ** ea Affected : 10%	5	\$20,300	
Masonry: Granite	Location: Throughout 20% 0-2 \$34,300 Jnt Mortar Miss/Erod, Extent: Light, A. Location: Throughout	LIFE ** rea Affected : 10%	5	\$4,400	
Masonry: Limestone	5% 0-2 \$7,900 Cracking/Crumbling, Extent : Light, Are Location : Throughout	LIFE ** ea Affected : 10%	5	\$1,100	
Wood Overhead Doors	5% 0-2 \$4,600 Broken/Missing Elements, Extent : Mod Location : Throughout	2037 ** erate, Area Affected : 10%	5	\$3,600	
Windows					
Aluminum	100% Now \$17,100 Broken/Missing Elements, Extent: Mod Location: Throughout		5	\$700	
	Glazing Broken/Cracked, Extent: Light Location: Main Truck Bay Window	, Area Affected : 2%			
Parapets	·				
Masonry: Brick	80% 0-2 \$11,000 Cracking/Crumbling, Extent : Light, Are Location : Throughout	LIFE ** ea Affected : 10%	5	\$1,900	
Pre-Cast Concrete	20% 0-2 \$1,700 Cracking/Crumbling, Extent: Light, Ard Location: Throughout	LIFE ** ea Affected : 10%	5	\$3,000	
	Other Observation, Extent: Moderate, A Location: Throughout Explanation: Parapet Wall Coping	Area Affected : 20%			
Roof					
Modified Bitumen	95% 0-2 \$3,000 Broken/Missing Elements, Extent : Ligh Location : Throughout	2029 ** t, Area Affected : 10%			
Roll Roofing	5% 0-2 \$2,300 Broken/Missing Elements, Extent : Seve Location : Throughout	2026 \$2,300 re, Area Affected : 100%	5	\$500	1

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13232

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors Cast in Place Concrete	38% 0-2 Cracking/Crumbling, 1 Location: Throughout		LIFE rea Affec	* * ted : 70%	5	\$7,900	
Ceramic Tile	5% Now Horizontal Cracks, Ext Location: Toilet Roc	\$900 tent : Light, Area	2033 Affected	**	5	\$200	
Quarry Tile	2% 0-2 Cracking/Crumbling, 1 Location: Throughout	_	2037 ea Affecte	* * ed : 10%	5	\$100	
Sheet Vinyl/Rubber	20% 0-2 Punct/Tear/Impact Da. Location: Throughout	_	2029 evere, Are	* * a Affected : 30%	5	\$1,400	
Steel Plate	5%		LIFE	* *	1		
Terrazzo	5%		LIFE	* *	5	\$400	
Vinyl Tile	25% 0-2 Cracking/Crumbling, 1 Location: Throughout		2029 e, Area A <u>f</u>	* * fected : 10%	3	\$900	
Interior Walls							
Ceramic Tile	5% Now Vertical Cracks, Exten Location: Throughout		2033 ea Affected	* * d : 2%	5	\$300	
Concrete Masonry Unit	10% 2-4 Cracking/Crumbling, I Location: Throughor Staining/Discoloring, I Location: Throughor	ut Extent : Moderate			5	\$500	
Gypsum Board	30% Now Broken/Missing Eleme Location: Throughout		LIFE lerate, Ard	* * ea Affected : 5%	5	\$2,300	
Masonry: Brick	20% Now Loose/Delam Surface, Location : Basement	\$5,100 Extent : Moderat	LIFE e, Area A	* * ffected : 5%			
Plaster	30% Now Staining/Discoloring, Location: Throughout		LIFE e, Area A <u>f</u>	* * fected : 15%	5	\$1,200	
Steel Plate	5%		LIFE	* *	5	\$400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13232

Architecture	ecture Current Repair		Repair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$800	2037	* *	5	\$500	
	_	Crumbling, : Through	Extent : Light, Are out	a Affecte	ed : 10%			
Gypsum Board	40%	Now	\$7,700	LIFE	* *	5	\$4,700	
	_	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 20%			
Plaster	40%	Now	\$2,500	LIFE	* *	5	\$2,400	
	U	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 5%			
No Component	10%							
Site Enclosure								
Fence/Gates								
Chain link	100%	0-2	\$200	2044	* *			
		issing Elem : Through	ents, Extent : Light out	, Area Ą	ffected : 10%			
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	\$500	2037	* *			
		Crumbling, : Through	Extent : Light, Are out	a Affecte	ed : 10%			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	100%		2050	* *	1		
Panelboards							
Molded Case Bkrs	80%		2046	* *	5	\$100	
Molded Case Bkrs	20%		2040	* *	5		
Wiring							
Braided Cloth	50%		2032	* *	1		
Thermoplastic	50%		2050	* *	1		
Motor Controllers							
Locally Mounted	100%		2041	* *	5		
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Fluorescent	100%		2034	* *	10	\$5,800	
	T-8 Lamps	And Fixtures, Extent : Moder	rate, Are	a Affected : 100%			
	Location	: Throughout					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13232

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Battery	50%		2024	\$4,300	10	\$800	
Exit, Service	50%		2024	\$400	1		
Exterior Lighting							
HID	100%		2019	\$23,900	10		

Mechanical		Current Repair	Futui	re Replacement	М	aintenance	
System Component	% of Total	Fail Date Estimate (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре		,			` ,		
Heating							
Energy Source Natural Gas	100%		2044	* *	1		
	100%		2044		1		
Conversion Equipment Steam Boiler	100%		2041	* *	1	ec 200	
Steam Boller		amustian Entant . Lie			1	\$6,300	
		ervation, Extent : Lig : Basement	пі, Агеа Ајјестеа	1:100%			
D' ('I ('	Expianai	ion : One Unit					
Distribution Central Plant Steam	1000/		2024	* *	4	¢200	
Piping/Pmp	100%		2034		4	\$300	
Terminal Devices							
Convector/Radiator	100%		2029	* *	1	\$2,100	
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Window/Wall Unit	30%		2019	\$3,700	1		
No Component	70%						
Terminal Devices							
Fan Coil - 2 Pipe	10%	Now	\$700 2029	* *	1	\$200	
•	Broken, Ex	tent : Moderate, Are	a Affected : 100%	6			
	Location	: Kitchen					
No Component	90%						
Heat Rejection							
Air Cooled Condenser	10%		2029	* *	2	\$400	
Unit	10,0		202		_	Ψ.00	
No Component	90%						
Ventilation							
Exhaust Fans							
Roof	10%		2024	\$1,000	2		
No Component	90%		_ _ 7_ .	+-,000	_		
Plumbing	,,,,						
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Втавы соррег	10070		2311		-		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13232

Mechanical	Current	Repair	Futur	e Replacement	М	aintenance				
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing										
Water Heater	1000/		2022	¢2 (00	2	¢100				
Gas Fired	100%	Entant Light Anga	2022	\$3,600	2	\$100				
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement									
		Explanation: Two 75 Gallon Units								
Sanitary Piping	Experiment 1 110	75 Ganon Chilis								
Cast Iron	100% Now	\$2,200	LIFE	* *	1					
	Corroded, Extent : 1									
	Location : Baseme	ent								
Storm Drain Piping										
Cast Iron	100% Now	\$600	LIFE	* *	1					
	Corroded, Extent: 1		cted : 10	0%						
	Location : Baseme	ent								
Sump Pump(s)	1000/		2010	#200		#200				
Submersible	100%		2019	\$200	4	\$200				
Backflow Preventer	100%		2029	* *	1	\$400				
Generic Fixtures	100%		2029		1	\$400				
Generic	100%									
Generic	Obsolete Fixtures, E	Extent : Moderate. A	rea Affea	rted : 20%						
	Location : Bathroo									
Fire Suppression										
Chemical System										
Dry	10%		2022	\$200	1-3	\$400				
	Other Observation,	_	Affected	: 100%						
	Location : Kitchen									
	Explanation : Mod	lel Rg-4gs								
No Component	90%									

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1531

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 79

Address : 1189 CASTLETON AVENUE @ ROE ST.

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 5,828 Project Type : FIRE DEPARTMENT

Date of Survey : 09-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2

Block : 198 Lot : 136 BIN : 5005308

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,200	\$5,900		
Interior Architecture	\$20,900	\$300	\$200	\$700
Electrical	\$400	\$500	\$2,100	\$4,700
Mechanical	\$1,900	\$1,200	\$1,800	\$1,300
Site Pavements	\$4,700			
Total	\$53,100	\$7,900	\$4,100	\$6,700
Importance Code A	\$25,700	\$6,500	\$600	\$700
Importance Code B	\$22,100	\$1,400	\$3,300	\$6,000
Importance Code C	\$5,300		\$200	
Total	\$53,100	\$7,900	\$4,100	\$6,700



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13222

rchitecture		Current I	Repair	Futur	e Replacement	M	laintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior										
Exterior Walls										
Alum/Vinyl Siding	28%			2047	* *	10	\$1,300			
Masonry: Brick	60%			LIFE	* *	5	\$9,200			
Masonry: Granite	2%			LIFE	* *	5	\$200			
Wood Overhead Doors	10%	Now	\$24,100	2032	* *	5	\$3,800			
		Broken/Missing Elements, Extent: Moderate, Area Affected: 25%								
	Location: Door Jamb And Head									
	Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%									
	Location	: Through	out							
Windows										
Aluminum	25%			2043	* *	5	\$400			
Wood	75%			2035	* *	5	\$11,900			
Parapets										
Metal Cornice	10%	0-2	\$400	2042	* *					
		_	ents, Extent : Ligh	t, Area A	ffected : 10%					
		: Through								
			Extent : Moderate, 1	Area Affe	ected : 10%					
		: South Fo								
	Explanat	ion : Top (Of Front Parapet							
No Component	70%									
Not Accessible	15%									
	Other Obs	ervation, E	Extent : Light, Area	Affected	!:0%					
	Location	: Front Of	^c Building							
	Explanat	ion : Brick								
Not Accessible	5%									
	Other Obs	ervation, E	Extent : Light, Area	Affected	!: 0%					
			Of Building							
			Stone And Terra C	'otta						
Roof	-									
Asphalt Shingle	15%	Now	\$700	2030	* *					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 15%					
	Location	: Dining R	Room, Weight Room	n, And Bo	arbecue Area					
Not Accessible	85%									
110111000551010		ervation. F	Extent : Light, Area	Affected	1:0%					
		: Main Ro		- 255 00104						
			fied Bitumin							
erior	Dapianai	ion i mout	, December							

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13222

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors	2.50/				ale ale	_	0.5.1.0.0	
Cast in Place Concrete	35%	4.1	#100	LIFE	* *	5	\$5,100	
Ceramic Tile	5%	4+	\$100	2036		5	\$200	
	Location	-	ents, Extent : Ligh n On 1st Floor					
Quarry Tile	10%		***	2032	* *	5	\$1,000	
Vinyl Tile		Now	\$11,300	2037	**	3	\$500	
	Location	: 2nd Floo						
	_	Evident, Ex : 2nd Floo	tent : Moderate, Ai or	ea Affec	ted : 30%			
			: Severe, Area Aff or Throughout	ected : 1	90%			
Vinyl Tile	30%			2032	* *	3	\$800	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$500	
Gypsum Board		Now	\$600	LIFE	* *	5	\$800	
			xtent : Moderate, A r Areas Located Be					
Masonry: Brick	10%			LIFE	* *			
Plaster	25%			LIFE	* *	5	\$700	
Wood	45%			LIFE	* *	5	\$16,500	
			Extent : Light, Are out Apparatus Are		d : 10%			
Ceilings								
AcousTileSusp.Lay-In	Broken/Mi		\$800 eents, Extent : Ligh om On 2nd Floor	2040 t, Area A	* * ffected : 5%	5	\$500	
Embossed Metal	40%			LIFE	* *	5	\$1,200	
	-	Dented, Ex : Apparati	ctent : Light, Area . us Area	Affected	: 20%			
Gypsum Board		Now	\$8,100	LIFE	* *	5	\$3,300	
Gypsuin Board	Broken/Mi		ents, Extent : Seve			3	φ3,300	
	Cracking/0	_	Extent : Moderate	, Area A	ffected : 10%			
	Water Pen	etration, E	xtent : Severe, Are r Areas Below Shin					
Plaster	5%	. 15: 1 1001	THE BELOW SHIR	LIFE	* *	5	\$200	
Site Enclosure	3/0			LIFE		J	φ200	
Fence/Gates								
1 chec/ Gates								

Site Pavements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13222

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% 4+ \$4,700 2032 **

Cracking/Crumbling, Extent: Light, Area Affected: 5%

Location: Front Driveway And Sidewalk

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				
Service Equipment						
Molded Case Bkrs	100%	2027	\$4,800	5	\$200	
	Other Observation, Extent : Light, Are	ea Affected	: 100%			
	Location : First Floor					
	Explanation: 200 Amperes Main Ci	rcuit Break	er Enclosure			
Raceway						
Conduit	75%	2027	\$23,500	1		
Conduit	25%	2047	* *	1		
Panelboards	100/	2026	Φ2 000	_		
Fused Disc Sw	10%	2026	\$3,800	5	#100	
Molded Case Bkrs	50%	2035		5	\$100	
Molded Case Bkrs	40%	2026	\$15,400	5	\$100	
Wiring	700/	2027	Ø10.400			
Thermoplastic	70%	2027	\$19,400 * *	1		
Thermoplastic	30%	2047		1		
Motor Controllers Locally Mounted	100%	2025	¢14.400	5		
	100%	2023	\$14,400	3		
Ground Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Generic	Other Observation, Extent : Moderate		cted · 100%	3	\$100	
	Location: Basement	, 111 cu 1155 c	. 100/0			
	Explanation : No Ground Wire Jump	er For Wa	ter Meter			
Stand-by Power	2. promote vitte Greater vitte vitting	70. 10. 170.	.c. intere.			
Transfer Switches						
Automatic	100%	2040	* *	1	\$1,800	
Generators						
Diesel	100%	2036	* *	1	\$2,300	
	Other Observation, Extent : Light, Are	ea Affected	: 100%			
	Location: Basement					
	Explanation: One 40 Kw					
Batteries						
Lead/Acid	100%	2021	\$1,500	5	\$200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13222

Electrical	Current Repair	Future	e Replacement	M	aintenance					
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Stand-by Power										
Fuel Storage										
Day Tank	50%	2043	* *	5	\$500					
	Other Observation, Extent: Light, Area Affected: 100%									
	Location: Basement									
	Explanation: One 50 Gallons									
Main Tank	50%	2055	* *	5	\$100					
	Other Observation, Extent: Light, Area Affected: 100%									
	Location: Basement									
	Explanation: One 216 Gallons									
Lighting										
Interior Lighting										
Fluorescent	70%	2027	\$11,100	10	\$3,700					
	Other Observation, Extent: Light, Area Affected: 100%									
	Location: Throughout									
	Explanation: T-8 Lamps									
Fluorescent	20%	2022	\$3,200	10	\$1,100					
	T-12 Lamps And Fixtures, Extent: Lig	ght, Area Aj	ffected : 100%							
	Location: First And Second Floor									
Incandescent	10%	2027	\$3,700	2						
Egress Lighting										
Emergency, Service	70%	2027	\$2,000	1						
Exit, LED	30%	2042	* *	1						
Exterior Lighting										
HID	50%	2027	\$11,000	10						
No Component	50%									
Alarm										
Security System										
No Component	90%									
Generic	10%	2032	* *	1	\$200					

Mechanical	Current Re	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2047	* *	1		
	Corroded, Extent: Ligh	t, Area Affected : 100%				
	Location : Cellar					
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$5,800	
Distribution						
Central Plant Steam	100%	2047	* *	4	\$400	
Piping/Pmp						
Terminal Devices						
Convector/Radiator	100%	2040	* *	1	\$1,900	

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13222

Mechanical		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2025	\$5,700	1		
No Component	50%							
Distribution 1/Disc	500/			LIDE	* *	2	Ф2 000	
Ductwork/Diffusers	50%			LIFE	* *	2	\$3,800	
No Component	50%							
Terminal Devices	500 /			2022				
Air Handler/Dir	50%			2032	* *	1		
Expansion	500/							
No Component	50%							
Heat Rejection	500/			2022	* *	2	#2 000	
Air Cooled Condenser	50%			2032	* *	2	\$2,000	
Unit	500/							
No Component	50%							
Ventilation								
Exhaust Fans	000/	3.T	0000	2022	* *	2	Ф100	
Interior	Malfuncti	Now oning, Extent : a : 1st Floor B	\$800 : Moderate, Are athroom	2032 a Affecte		2	\$100	
Wall Unit	20%	Now	\$100	2027	\$400	2		
	-	oning, Extent : a : Kitchen Ho	: Moderate, Are od	a Affecte	d : 20%			
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2025	\$3,300	2	\$100	
		ervation, Exte a : Basement	ent : Light, Area	Affected	: 100%			
	Explana	tion : 75 Galle	ons					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2032	* *	1	\$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	10%			2025	\$200	1-3	\$500	
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : LADDER CO. 8

Address : 14 NORTH MOORE STREET @ VARICK ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 6,258 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Aug-2012 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 189 Lot : 35 BIN : 1002150

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$601,200	\$192,500
Interior Architecture	\$52,100	\$41,300
Electrical	\$91,200	
Mechanical		\$108,200
Total	\$744,500	\$342,100
Importance Code A	\$601,200	\$192,500
Importance Code B	\$143,300	\$149,500
Total	\$744,500	\$342,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$57,000			
Interior Architecture	\$154,900			\$700
Electrical	\$44,900		\$15,700	\$2,200
Mechanical	\$7,700	\$800	\$39,000	\$800
Total	\$264,500	\$800	\$54,700	\$3,700
Importance Code A	\$57,600	\$600	\$600	\$600
Importance Code B	\$156,300	\$200	\$54,100	\$3,100
Importance Code C	\$50,700			
Total	\$264,500	\$800	\$54,700	\$3,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13216

rchitecture	Current l	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Masonry: Brick	70% Now Cracking/Crumbling, Location: Through Jnt Mortar Miss/Eroc Location: Through	out d, Extent : Modera			5	\$21,000	1
Masonry: Granite	5% Now	\$96,800	LIFE	* *	5	\$1,100	1
Masoniy. Granic	Cracking/Crumbling, Location: West An Jnt Mortar Miss/Erod Location: West An Staining/Discoloring Location: West An	, Extent : Severe, A d North Facades d, Extent : Severe, . d North Facades , Extent : Severe, A	rea Affec Area Affe	octed : 75%	3	\$1,100	1
Masonry: Limestone	10% Now Cracking/Crumbling, Location: West An Jnt Mortar Miss/Ero Location: West An Staining/Discoloring Location: West An	d North Facades d, Extent : Severe, . d North Facades , Extent : Severe, A	Area Affe	ected : 40%	5	\$2,300	1
Wood Overhead Doors	15% 0-2 Broken/Missing Elen Location: Through		2028 erate, Ar	\$155,400 ea Affected : 20%	5	\$11,300	
Windows	0						
Aluminum	100% 0-2 Broken/Missing Elen Location: Through		2039 'erate, Ar	* * ea Affected : 40%	5	\$800	
Parapets							
Masonry: Brick	90% 2-4 Spalling, Extent: Mo Location: Through		LIFE ted : 20%	* *	5	\$2,400	
Masonry: Limestone	10% Now Jnt Mortar Miss/Erod Location : Through Recent Repair Eviden Location : Coping	nout			5	\$300	
Roof							
Modified Bitumen	100% 0-2 Blisters, Extent: Mod Location: Through Water Penetration, E Location: Through	out Extent : Light, Area		\$37,200 : 10%			

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13216

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors Cast in Place Concrete		Now	\$26,600	LIFE	* *	5	\$5,100	
	Location	: Through						
	Location	: Through						
	Location	: Apparatı	xtent : Severe, Are us Floor sion / Rusting	a Affecte	d : 100%			
Ceramic Tile	5%	Now ssing Elem	\$9,900 ents, Extent : Seve	2038 re, Area	* * Affected : 75%	5	\$200	
Quarry Tile	_	0-2 Crumbling, : Through	\$5,900 Extent : Severe, A	2028 rea Affec	\$14,700 sted : 50%	5	\$400	
Vinyl Tile	Cracking/0	Now Crumbling, : Through	\$52,100 Extent : Moderate out	2033 , Area Aj	* * ffected : 100%	3	\$2,100	
Wood	Uneven Su	Now rface, Exte : Stair To	\$10,100 nt : Severe, Area A Cellar	2051 ffected :	**	5	\$400	
Interior Walls								
Ceramic Tile	_	0-2 Crumbling, : Through	\$3,900 Extent : Light, Are out	2026 ea Affecte	\$19,400 ed : 20%	5	\$300	
Masonry: Brick	Cracking/C Location	: Through	\$21,900 Extent : Light, Are out l, Extent : Moderar					
	Location	: Basemen	t					
Plaster	_	0-2 Crumbling, : Through	\$11,300 Extent : Light, Are	LIFE ea Affecte	* * ed : 20%	5	\$1,900	
SGFT/Glazed Masonry	Cracking/0	Now Crumbling, : Apparati	\$13,600 Extent : Moderate as Room	LIFE , Area Aj	* * ffected : 100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13216

Architecture	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	50% 0-2 Cracking/Crumbling, Ex Location: Throughout Water Penetration, Exter Location: Throughout				5	\$2,300	
Embossed Metal	25% Now Deformed/Dented, Exten Location: Apparatus R Paint Peeling, Extent: M Location: Apparatus R	Room Ioderate, Area I			5	\$1,100	
Exposed Concrete	20% Now Cracking/Crumbling, Ex Location: Basement Other Observation, Extent Location: Basement Explanation: Corrode	nt : Moderate, A		V	5	\$300	
Plaster	5% 0-2 Cracking/Crumbling, Ex Location: Throughout	\$1,300	LIFE , Area Aj	* * ffected : 20%	5	\$300	

ectrical		Current Repa	ir	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	\$5,300	5		
	Other Obse	rvation, Exten	: Moderate, 1	Area Affe	cted : 100%			
	Location	: Basement						
	Explanati	on : One 200 A	mperes Main	Disconn	ect Switch			
Switchgear / Switchboard	•		_ =					
Molded Case Bkrs	100%	2-4	\$53,300	2053	* *	5	\$100	
	Corroded,	Extent : Moder	ate, Area Affe	cted : 10	0%			
	Location	: Basement						
Raceway								
Conduit	100%			2023	\$34,200	1		
Panelboards								
Fused Disc Sw	5%	2-4	\$2,100	2048	* *	5		
	Other Obse	rvation, Extent	: Moderate, 1	Area Affe	cted : 100%			
	Location	: Basement						
	Explanati	on : Corroded						
Fused Disc Sw	5%			2022	\$2,100	5		
Molded Case Bkrs	90%			2022	\$37,900	5	\$100	
Wiring								
Thermoplastic	100%			2023	\$30,300	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13216

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2021	\$15,700	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Corroded, Extent : Moderate, Area Location : Basement	Affected: 100%				
Lighting						
Interior Lighting						
Fluorescent	70%	2019	\$13,000	10	\$4,000	
	Other Observation, Extent: Moder Location: Throughout Explanation: T-12 Lamps	ate, Area Affecte	d : 100%			
Fluorescent	30%	2023	\$5,600	10	\$1,700	
	Other Observation, Extent: Moder	ate, Area Affecte			. ,	
	Location: Throughout					
	Explanation: T-8 Lamps					
Exterior Lighting	1000/	2010	¢25 000	10		
HID	100%	2019	\$25,800	10		

Mechanical	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2033	* *	1				
Conversion Equipment								
Steam Boiler	100%	2040	* *	1	\$6,200			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Basement							
	Explanation: One Unit							
Distribution								
Central Plant Steam	100%	2023	\$108,200	4	\$500			
Piping/Pmp								
Terminal Devices								
Convector/Radiator	100%	2021	\$34,200	1	\$2,000			
Air Conditioning								
Energy Source								
Electricity	100%	2039	* *	1				
Conversion Equipment								
Window/Wall Unit	50%	2019	\$6,700	1				
No Component	50%							
Ventilation								
Exhaust Fans								
Wall Unit	10%	2023	\$200	2				
No Component	90%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13216

echanical	Current Rep	air Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing						
H/C Water Piping						
Brass/Copper	5%	2043	* *	1		
Galvanized Steel	95%	2028	\$26,700	1		
Water Heater						
Gas Fired	100%	2021	\$3,900	2	\$100	
	Other Observation, Exter	nt : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: Two 74 (Gallon Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2023	\$1,000	4	\$200	
Backflow Preventer						
No Component	90%					
Generic	10%	2031	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%					
	Location: Basement					
	Explanation : Installed	On Steam Boiler Conne	ection			
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : MAINTENANCE GARAGE LIC

Address : 48-34 35TH STREET LONG ISLAND CITY

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 205,000 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2014 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 254 Lot : 1 BIN : 4003451

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$87,300	\$532,300
Interior Architecture	\$44,800	\$515,400
Electrical		\$171,100
Mechanical	\$54,500	\$427,700
Total	\$186,700	\$1,646,400
Importance Code A	\$87,300	\$532,300
Importance Code B	\$99,300	\$1,114,100
Total	\$186,700	\$1,646,400

Total	\$97,000	\$39,200	\$57,800	\$80,900
Importance Code C	\$8,400			
Importance Code B	\$39,300	\$39,000	\$56,600	\$80,800
Importance Code A	\$49,200	\$100	\$1,200	\$100
Total	\$97,000	\$39,200	\$57,800	\$80,900
Mechanical	\$2,700	\$4,500	\$19,400	\$3,900
Electrical	\$28,000	\$34,700	\$32,100	\$40,400
Interior Architecture	\$17,200		\$5,200	\$36,600
Exterior Architecture	\$49,100		\$1,100	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Cast in Place Concrete	75%			LIFE	* *	5	\$230,900	
Metal Panel	15%	N T	¢10.200	2051	**	5-10	\$63,500	
Metal Sect. OHD	10%		\$19,200 Extent : Moderate, 1	2038		5	\$9,600	
			zade Entrance	тей Аује	cteu . 1070			
		tion : Bent						
Windows			.,					
Aluminum	95%	Now	\$29,600	2047	* *	5	\$1,800	
	Glazing B	roken/Crac	ked, Extent : Mode	rate, Are	ea Affected : 2%			
		: Carpent	-					
			ed, Extent : Modera	ite, Area	Affected: 25%			
			Floor Offices	4 66	. 1 100/			
			Extent : Moderate, A Floor Offices	Area Affe	ctea : 10%			
M 4.1T				2024	* *			
Metal Louvers		Now	\$300 Extent : Light, Area	2034				
		r : Through	_	Ајјестеи	. 23/0			
Parapets	Locuitor	. 1111011311						
Cast in Place Concrete	95%			LIFE	* *	5	\$108,600	
Metal Panel	5%			2051	* *	5	\$2,100	
Roof								
Modified Bitumen	65%			2033	* *	10	\$153,400	
Modified Bitumen	30%		\$41,200	2033	**			
	_	Extent : Mo ı : Flat Roo	oderate, Area Affec	ted : 35%	Ó			
			ys xtent : Moderate, A	roa Affor	etad · 5%			
	_	en/Spin, Es i : Flat Roo		геи Ајјес	леа . 570			
Skylight, Metal/Glass	5%		<i>y</i>	2045	* *	10	\$39,300	
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	\$396,900	
Ceramic Tile	5%			2034	* *	5	\$14,000	
Terrazzo	5%			LIFE		5	\$10,900	
Vinyl Tile	5% 15%			2025 2033	\$118,500 * *	3	\$7,000 \$15,700	
Vinyl Tile Under Construction	5%			2033		3	\$13,700	
Interior Walls	370							
Cast in Place Concrete	5%	Now	\$8,400	LIFE	* *			
			, Extent : Moderate		ffected : 10%			
	Location	: Window	Lintel Second Floo	or Office:	S			
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Gypsum Board	25%			LIFE	* *	5	\$4,000	
Plaster	35%			LIFE	* *	5	\$2,800	
SGFT/Glazed Masonry	20%			LIFE	* *			
Under Construction	5%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2042	* *	5	\$69,800	
Exposed Concrete	50%			LIFE	* *	5	\$21,800	
Exposed Concrete	5%	Now	\$44,800	LIFE	* *	5	\$2,200	
-	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 10%			
	Location	: Concrete	Beam At Ceiling	Over Sto	rage Area			
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	\$17,400	
Under Construction	5%							

Electrical	Current Repair	Future Replacement	N	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment					
Not Accessible	100%				
Transformers					
Dry Type	100%	2042 **	5	\$800	
	Other Observation, Extent: Moder	ate, Area Affected : 100%			
	Location: Roof				
	Explanation : 225 Kva, 208/120 V	7			
Switchgear / Switchboard					
Air Circuit Breaker	50%	2051 **	5	\$500	
	Other Observation, Extent: Moder	ate, Area Affected : 100%			
	Location: Generator Room				
	Explanation: Low Voltage Power	· Circuit Breaker			
Not Accessible	50%				
Raceway					
Conduit	100%	2051 **	1		
Panelboards					
Fused Disc Sw	2%	2047 **	5	\$100	
Molded Case Bkrs	98%	2047 **	5	\$5,300	
Wiring				•	
Thermoplastic	100%	2051 **	1		
Motor Controllers					
Locally Mounted	100%	2042 **	5	\$1,400	
Ground				. , , , ,	
Grounding Devices					
Generic	100%	LIFE **	5	\$3,000	
Stand-by Power					
Transfer Switches					
Automatic	100%	2042 **	1	\$63,100	
Automatic	10070	2072	1	\$05,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Electrical	Current Repair	Futur	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Stand-by Power								
Generators	1000/	2020			050 400			
Diesel	100%	2038	**	1	\$79,400			
	Other Observation, Extent : Moderate, Location : Generator Room	Area Affe	ctea : 100%					
	Location : Generator Room Explanation : 2- Emergency Generators No Available Nameplate Ratings							
Batteries	Explanation . 2 Emergency General	075 110 1110	inabie Itamepiaie	Ranngs				
Lead/Acid	100%	2020	\$1,500	5	\$7,600			
Fuel Storage								
Day Tank	50%	2047	* *	5	\$17,300			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Generator							
	Explanation: 620 Gallon Capacity							
Main Tank	50%	2060	* *	5	\$2,700			
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%					
	Location: Underground		a .,					
Lighting	Explanation : No Available Namepla	te Kating (ларасну					
Interior Lighting								
Fluorescent	30%	2033	* *	10	\$51,300			
2 100 100 100	T-8 Lamps And Fixtures, Extent : Mode Location : Offices		a Affected : 100%		V = 7 = 1			
Fluorescent	70%	2033	* *	10	\$119,700			
	T-5 Lamps And Fixtures, Extent : Mode Location : Repair Shops	erate, Ared	a Affected : 100%		. ,			
Egress Lighting								
Emergency, Battery	30%	2033	* *	10	\$13,500			
Exit, Service	70%	2033	* *	1				
Exterior Lighting	1000/	2022	* *	1.0				
HID	100%	2033	* * *	10	\$600			
Alarm Security System								
No Component	70%							
Generic	30%	2033	* *	1	\$23,000			
Generic	Other Observation, Extent : Moderate,		cted : 100%	•	<i>\$25,000</i>			
	Location : Inside And Outside							
	Explanation : CCTV Surveillance Camera							
Fire/Smoke Detection								
Generic, Digital	100%	2033	* *	1-3	\$126,300			
	Other Observation, Extent : Moderate, Location : Throughout The Building	Area Affe	cted : 100%					
	Explanation : Strobe Lights, Smoke L And Horns	Detectors, I	Manual Pull Statio	ons, Horr	ıs, Alarm Bells			

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	40%		2045	* *	1		
Interruptible Gas/Dual Fuel	60%		2045	* *	1		
Conversion Equipment						*	
Furnace	40%		2030	* *	1	\$400	
		ion, Extent : Light, Area	Affected	l : 40%			
	Location : Roo	-					
	Explanation:	4 Units	• • • • •	4.4		01.100	
Steam Boiler	60%		2038	**	1	\$1,100	
		ion, Extent : Light, Area	Affected	d : 60%			
		rement Boiler Room					
Distribution	Explanation:	o Units					
Distribution Central Plant Steam	60%		2025	\$17,700	1	\$100	
Piping/Pmp	00%		2023	\$17,700	4	\$100	
No Component	40%						
Terminal Devices	7070						
Convector/Radiator	40%		2030	* *	1	\$200	
Fan Coil Unit/Heat	20%		2025	\$5,200	1	\$100	
No Component	40%		_0_0	\$0, 2 00	-	4100	
Air Conditioning	<u> </u>						
Energy Source							
Electricity	100%		2033	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	5%		2030	* *	2	\$600	
Cooling							
		t, Extent : Light, Area A	Affected :	5%			
	Location : Roc	of					
Split Unit	10%		2030	* *			
		on, Extent : Light, Area	Affected	d: 10%			
	Location : Roc	=					
		Refrigerant R-410 A					
Window/Wall Unit	15%		2020	\$54,500	1		
No Component	70%						
Terminal Devices	4001		• • • •			***	
Fan Coil - 2 Pipe	10%		2030	* *	1	\$6,000	
No Component	90%						
Heat Rejection	100/		2020	* *	2	#13 000	
Dry Cooler	10%		2030	* *	2	\$13,000	
No Component	90%						
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$104,000	
Exhaust Fans	10070		LIFE	. •	2-3	\$104,000	
Interior	5%		2030	* *	2	\$300	
Roof	95%		2025	\$275,100	2	\$5,400	
KUUI	73 70		2023	\$473,100		\$3,400	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Mechanical	Current Repair	Future Replacement Maintenar		aintenance	ce	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2035	* *	1		
Water Heater						
Gas Fired	100%	2023	\$106,400	2	\$2,700	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2025	\$29,200	4	\$4,300	
Fixtures						
Generic	100%					
Fire Suppression						
Standpipe						
Generic	100%	2035	* *	1-5	\$900	
	Other Observation, Extent : Light, Ar	rea Affected :	100%			
	Location : 34th Street Side Wall					
	Explanation: Connection					
Sprinkler						
No Component	80%					
Generic	20%	2035	* *	1-2	\$100	
Chemical System						
Generic	100%	2023	\$1,900	1-3	\$3,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

Address : HAMMERHEAD AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 17,024 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Nov-2016 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : 2023 Lot : 1 BIN : 3335122

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$64,800
Electrical		\$44,900
Mechanical		\$557,100
Total		\$666,800
Importance Code A		\$122,700
Importance Code B		\$544,100
7D 4 1		0.000

Total \$666,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$46,900		\$1,500	
Interior Architecture	\$65,400	\$1,300	\$900	\$1,100
Electrical	\$1,600	\$1,200	\$1,600	\$2,700
Mechanical	\$22,600	\$3,900	\$4,100	\$4,200
Total	\$136,500	\$6,400	\$8,000	\$8,000
Importance Code A	\$49,300	\$800	\$2,300	\$800
Importance Code B	\$64,000	\$5,500	\$5,000	\$7,100
Importance Code C	\$23,200		\$600	
Total	\$136,500	\$6,400	\$8,000	\$8,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

Asset #: 14078

Architecture		Current R	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	85%	Now	\$30,800	LIFE	* *	5	\$10,200		
	Rusting Me	asonry Supt,	Extent: Modera	te, Area I	Affected : 10%				
	Location	Location: Above Overhead Doors And Various 2nd Floor Windows							
	Other Obs	ervation, Ex	tent : Light, Area	Affected	! : 100%				
	Location	: 1st And 21	nd Floors						
	Explanat	tion : Facilit	y Occupies Only	A Portion	n Of Building Entii	re			
Metal Coiling Doors	8%			2041	* *	5	\$3,000		
Pre-Cast Concrete	7%	Now	\$1,400	LIFE	* *	5	\$2,700		
	Broken/Mi	Broken/Missing Elements, Extent: Moderate, Area Affected: 5%							
	Location: 2nd Floor South Facing Windows								
	Jnt Mortar	r Miss/Erod,	Extent : Moderat	e, Area A	Affected : 15%				
	Location	: Window S	ills						
Windows									
Aluminum	25%			2044	* *	5	\$100		
Steel	75%	0-2	\$14,600	2053	* *	5	\$1,800		
	Corrosion	Corrosion/Rusting, Extent: Moderate, Area Affected: 35%							
	Location : Exterior And Interior Mullions Throughout								
	Glazing Broken/Cracked, Extent: Light, Area Affected: 5%								
	Location: Shops Area - 1st Floor								
	Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
	O		nd Story Windows	00					

Interior

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date F (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete			\$10,200 ent : Light, Area · Shop	LIFE Affected	: 5%	5	\$21,500	
		-	nage, Extent : Mo paratus Area	oderate, .	Area Affected : 15	%		
			Light, Area Affeo paratus Area	rted : 159	%			
Ceramic Tile	Location : Jnt Mortar I	d Finish, Ex Water Ared Miss/Erod,	\$2,100 stent : Moderate, a At Showers And Extent : Moderat a At Showers And	l Sinks e, Area A		5	\$500	
Ceramic Tile	2%	water ziret	in the showers time	2041	* *	5	\$400	
Ceramic The	Recent Insta	allation, Ext 2nd Floor	ent : Light, Area Bathroom		: 100%	3	ψ 100	
Quarry Tile	8%			2045	* *	5	\$2,600	
		allation, Ext 2nd Floor	ent : Light, Area Kitchen	Affected	: 100%			
Vinyl Tile			\$13,000 Moderate, Area A - Throughout Off			3	\$2,900	
Vinyl Tile 9" X 9"	5%			2023	\$12,000	3	\$500	
·	Location:		ent : Light, Area Areas And Safety stalled		: 100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Architecture	C	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	5%		\$1,700	2031	* *	5	\$600	
			ent : Moderate, Ai l shower Rooms	ea Affect	red : 5%			
~		ionei and	i snower Kooms	2011	4. 4.		**	
Ceramic Tile	5%			2041	**	5	\$1,300	
			Extent : Light, Are		d: 100%			
			Bathrooms And					
Concrete Masonry Unit	40%		\$11,200	LIFE	* *	5	\$4,100	
	_	_	Extent : Moderate	, Area A <u>j</u>	ffected : 20%			
	Location : '	Througho	ut Corridors					
Glass: Single Pane	5%			LIFE	* *	5	\$1,900	
	Other Observ	vation, Ex	tent : Light, Area	Affected	: 100%			
	Location: I	Main Cor	ridor On 2nd Flo	o r				
	Explanation	n : Interio	or Window Wall					
Gypsum Board	40%	Now	\$4,200	LIFE	* *	5	\$6,100	
• 1	Broken/Missi	ing Eleme	ents, Extent : Ligh	t, Area Aj	ffected : 10%			
	Location:	Baseboar	d Missing - 2nd F	loor Cori	ridors			
	Cracking/Cri	umbling,	Extent : Moderate	, Area Af	fected : 10%			
	Location:	Various L	ocations Through	out				
Wood	5%			LIFE	* *	5	\$10,100	
Ceilings								
AcousTileConcealSpLn	5%	0-2	\$200	2041	* *	5	\$700	
			tent : Moderate, A		cted : 5%			
	Location:	Sout Faci	ng Office - 2nd Fi	oor				
AcousTileSusp.Lay-In	35%	Now	\$3,100	2041	* *	5	\$3,800	
1 7	Broken/Missi	ing Eleme	ents, Extent : Ligh	t, Area Aj	ffected : 5%		. ,	
		_	ocations Through	_				
Embossed Metal	5%			LIFE	* *	5	\$1,000	
Exposed Concrete	55%			LIFE	* *	5-10	\$15,000	
Site Pavements	3370			LHL		J 10	Ψ15,000	
On-Site Walkways								
Cast in Place Concrete	100%			2033	* *			
Parking/Driveway	10070			2000				
- wining Directing	100%			2037	* *			

	Current Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
1000/		2049	* *	_	¢100	
		Total (Years)	Total (Years) FY	Total (Years) FY	Total (Years) FY (Yrs)	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Electrical	Current Repair	Future Replacement	N	laintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts								
Transformers								
Dry Type	100%	2033 **	5	\$100				
	Other Observation, Extent : Mod							
	Location : Mechanical Room, 2							
	Explanation: One 45 Kva 480v	Pri - 208/120v Sec						
Raceway								
Conduit	60%	2048 **	1					
Conduit	40%	2038 **	1					
Panelboards								
Fused Disc Sw	5%	2044 **	5					
Fused Disc Sw	5%	2036 **	5					
Molded Case Bkrs	50%	2044 **	5	\$200				
Molded Case Bkrs	40%	2036 **	5	\$200				
Wiring								
Thermoplastic	60%	2048 **	1					
Thermoplastic	40%	2038 **	1					
Motor Controllers								
Locally Mounted	40%	2033 **	5					
Locally Mounted	60%	2041 **	5	\$100				
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%	2041 **	1	\$5,200				
Generators								
Diesel	100%	2037 **	1	\$6,600				
	Other Observation, Extent : Mod	erate, Area Affected : 100%						
	Location : Outside							
	Explanation: One 500kw And (One 125 Kw Kohler Power System	:					
Batteries								
Lead/Acid	100%	2022 \$1,500	5	\$600				
Fuel Storage								
Main Tank	100%	2056 **	5	\$500				
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Generator Room Ou	tside						
	•	For 125 Kw Generator And One	875 Gall	ons For 500 Kw				
	Generator							
Lighting								

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Electrical	Current Repa	ir Future	Replacement	lacement Maintenance			
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ighting							
Interior Lighting							
Fluorescent	70%	2033	* *	10	\$10,900		
	T-8 Lamps And Fixtures, Location: Storage, 1st A		55	Hallway			
Fluorescent	5%	2028	\$2,300	10	\$800		
	T-12 Lamps And Fixtures, Location: 2nd Floor	Extent : Moderate, Are	a Affected : 100%	ó			
HID	15%	2033	* *	10	\$100		
LED	10%	2038	* *				
Egress Lighting							
Emergency, Service	50%	2033	* *	1			
Emergency, Service	5%	2038	* *	1			
Emergency, Service	5%	2028	\$400	1			
Exit, Service	40%	2028	\$800	1			
Exterior Lighting							
HID	70%	2028	\$44,900	10			
HID	30%	2038	* *	10			

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Energy Source								
Natural Gas	100%			2038	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$2,500	2026	\$122,700	1	\$7,600	
	Malfunctio	ning, Exter	nt : Light, Area Aff	ected : 1	00%			
	Location	: Boiler Co	ontrol System					
	Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: 2nd Floo	r Boiler Room					
	Explanat	ion : 6 Boi	lers Piped With He	eader				
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$1,200	2027	\$24,800	4	\$800	
	Corroded,	Extent: M	oderate, Area Affe	cted : 5%	6			
	Location	: Boiler Ro	oom					
Terminal Devices								
Air Handler	70%			2028	\$156,700	1	\$7,400	
Convector/Radiator	15%			2033	* *	1	\$800	
Unit Heater - Steam	15%	Now	\$900	2023	\$8,500	4	\$200	
	Not in Ser	vice, Extent	: Severe, Area Afj	ected : 1	0%			
	Location	: 1st Floor	•					
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment Interior Pkg Unit - Cooling	40%	Now	\$11,900	2026	\$238,100	2	\$300	
Č	Broken, Ex	tent : Seve	re, Area Affected :	5%				
		: Fresh Ai						
		rice, Exten : Temp. C	t : Moderate, Area ontroller	Affected	: 5%			
		gerant, Ext : 2nd Floo	tent : Light, Area A or	ffected :	40%			
	Other Obse	ervation, E	xtent : Moderate, 1	Area Affe	ected : 5%			
			Mechanical Room	On 2nd I	Floor			
		ion : Filter	rs Are Required					
Split Unit	30%			2036	**			
			xtent : Light, Area	Affected	! : 30%			
			Machine Shop					
W/: d /W/-11 I I: 4	10%	ion : 3 Uni	ts. R-410a	2022	¢2 200	1		
Window/Wall Unit No Component	20%			2023	\$3,300	1		
Terminal Devices	2070							
Fan Coil - 2 Pipe	30%			2036	* *	1	\$1,700	
No Component	70%					_	4-,	
Heat Rejection								
Evaporative Condenser	30%			2036	* *	2	\$3,600	
No Component	70%							
Ventilation								
Distribution Ductwork/Diffusers	70%			LIFE	* *	2-5	\$10.500	
Ductwork/Diffusers		ervation F	Extent : Moderate, 1			2-3	\$10,500	
		: 1st Floor		1704 71550	.c.c. 10070			
			s Garage Only					
No Component	30%							
Exhaust Fans								
Interior	70%			2028	\$39,600	2	\$400	
Wall Unit	30%			2028	\$1,700	2	\$200	
Plumbing								
H/C Water Piping	1000/			2020	* *	1		
Brass/Copper Water Heater	100%			2038		1		
Electric	100%			2027	\$14,000	4	\$200	
Sanitary Piping	10070			2027	ψ11,000	•	Ψ200	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer	· <u> </u>							
Not Accessible	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

Asset #: 14078

Mechanical	Current Repair	Future Re	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Fixtures							
Generic	100%						
	Obsolete Fixtures, Extent : S	'evere, Area Affected : 10	0%				
	Location : Kitchen And Ba	throoms					
Fire Suppression							
Standpipe							
Generic	100%	2048	* *	1-5	\$8,600		
Sprinkler							
Generic	100%	2038	* *	1-2	\$4,800		
Fire Pump							
Not Accessible	100%						
Chemical System				•	_	•	
Generic	100%	2023	\$1,900	1-3	\$4,000		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : MARINE 9 RESPONSE UNIT

Address : FRONT AND WAVE STREETS @ WATERFRONT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRMAR9.000 / 14079 Yr Built/Renovated : 2011 /

Area Sq Ft : 8,000 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 487 Lot : 100 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$36,500
Total		\$36,500
Importance Code A		\$36,500
Total		\$36,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,200		\$19,700	
Interior Architecture	\$32,800		\$8,200	\$4,600
Electrical	\$2,500	\$1,400	\$1,500	\$1,300
Mechanical	\$3,000	\$600	\$1,000	\$600
Total	\$51,400	\$2,100	\$30,400	\$6,500
Importance Code A	\$13,300		\$19,800	
Importance Code B	\$19,700	\$2,100	\$10,600	\$4,200
Importance Code C	\$18,500			\$2,300
Total	\$51,400	\$2,100	\$30,400	\$6,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•							
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$12,200	
Concrete Masonry Unit	30%			LIFE	* *	5	\$9,100	
Metal Panel	30%			2048	* *	5-10	\$50,200	
Metal Sect. OHD	5%			2041	* *	5	\$3,800	
Window Wall	30%			2048	* *	5	\$27,400	
Windows								
Aluminum	100%	Now	\$2,500	2044	* *	5	\$600	
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 15%			
	Location	: Bunk Ro	om And Gymnasiu	m				
Parapets								
Metal Rail	90%			2041	* *	5-10	\$28,100	
Metal: Cage/Fence	10%			2041	* *	5-10	\$1,300	
Roof								
Not Accessible	100%							
nterior								
Floors								
Cast in Place Concrete	15%	Now	\$2,800	LIFE	* *	5	\$5,900	
	Cracking/0	Crumbling,	Extent: Light, Are	ea Affect	ed : 10%			
	Location	: Garage						
Ceramic Tile	25%			2037	* *	5	\$4,500	
Panel/Paver: Cer/Brk	30%			2044	* *	5	\$12,200	
Sheet Vinyl/Rubber	5%			2033	* *	5	\$1,400	
Vinyl Tile	25%			2033	* *	3	\$1,700	
Interior Walls								
Ceramic Tile	25%			2037	* *	5	\$4,700	
Gypsum Board	35%			LIFE	* *	5-10	\$11,200	
Wood	15%			LIFE	* *	5	\$22,500	
No Component	25%						, ,	
Ceilings								
AcousTileSusp.Lay-In	85%			2041	* *	5	\$15,300	
Exposed Struc: Steel	15%			LIFE	* *	10	\$5,400	
							4-7	
Fence/Gates								
	100%			2048	* *			
	-0070							
	100%			2041	* *			
Site Enclosure	100%			2048		10	ψ3,του	

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Over 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Electrical	Current Repair	Future Replacement	Mainte	enance
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle Est (Yrs)	timated Cost Priority
Over 600 Volts Service Equipment Fused Disc Sw	100%	2054 **	* 3	
	Other Observation, Extent : Light, Location : Outside Explanation : 600 Amperes, 13.8			
Transformers				
Dry Type	100% Other Observation, Extent: Light, Location: Outside Explanation: 1-750kva, 4160v/48 1-750kva, 13.2kv/480/277volts		* 3	
Feeders	,			
Cable	100%	2050 **	* 1	
Raceway				
Conduit	100%	2054 **	* 1	
Under 600 Volts				
Service Equipment				
Molded Case Bkrs	100%	2054 **	* 5	\$200
	Other Observation, Extent: Light,	Area Affected : 100%		
	Location : Electrical Room			
	Explanation : Main Service Disco	onnect Switch Rated @ 800 Am	iperes.	
Transformers				
Dry Type	100%	2045 **	* 5	
	Other Observation, Extent: Light,	Area Affected : 100%		
	Location: Electrical Room, And	Outside		
	Explanation: Three 112.5 Kva, 4	80/208/120volts And 30kva, 45	5kva 480/208/1	20 Volts
Switchgear / Switchboard	1	·		
Molded Case Bkrs	100%	2054 **	* 5	\$200
	Other Observation, Extent: Light,	Area Affected : 100%		·
	Location : Electrical Room			
	Explanation: 1- Vertical Section			
Raceway	•			
Conduit	100%	2054 **	* 1	
Panelboards				
Fused Disc Sw	15%	2050 **	* 5	
Molded Case Bkrs	85%	2050 **		\$200
Wiring				
Thermoplastic	100%	2054 **	* 1	
Motor Controllers				
Locally Mounted	100%	2045 **	* 5	\$100
Ground				
Grounding Devices				
Generic	100%	LIFE **	* 5	\$200
	Other Observation, Extent: Light,			
	Location : Water Main Room			
	Explanation: Connected To Meta	al Water Pipe		
Stand-by Power	-	-		

Stand-by Power

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Electrical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Transfer Switches	1000/	2045	* *		Φ2.500	
Automatic	100%	2045		1	\$2,500	
	Other Observation, Extent : Light, Are Location : Outside	а Ајјества : 100	170			
	Explanation: Rated @ 1200 Ampere	es Eaton Atc-3	00			
Generators	Esquaration : Italica © 1200 Impere	s, Eaton The 5				
Diesel	100%	2041	* *	1	\$3,100	
	Other Observation, Extent : Light, Are	a Affected : 100	0%		•	
	Location : Outside					
	Explanation: Emergency Generator	Rated @ 562.51	kva Or 450kv	v		
Batteries	1000/	2022	Φ1 7 00	-	# 1 000	
Nickel Cadmium	100%	2023	\$1,500	5	\$1,800	
Fuel Storage Main Tank	100%	2063	* *	5	\$200	
Maiii Talik	Other Observation, Extent : Light, Are			3	\$200	
	Location: Outside	a rijjecica . 100	,,,			
	Explanation: 800 Gallons Rated Ca	pacity				
Lighting	•					
Interior Lighting						
Fluorescent	90%	2036	* *	10	\$6,600	
	Other Observation, Extent : Light, Are	a Affected : 100	0%			
	Location: Throughout The Building	ura o	C.			
71	Explanation: T-8 Lamps, Equipped		* Sensors	10	Φ700	
Fluorescent	10% Compact Fluorescent Light, Extent : L	2036		10	\$700	
	Location: Hallways	идт, Агеа Ајјес	iea . 10070			
Egress Lighting	Location : Hannays					
Emergency, Service	40%	2036	* *	1		
Emergency, Battery	30%	2036	* *	10	\$600	
Exit, LED	30%	2063	* *	1		
Exterior Lighting						
Fluorescent	50%	2036	* *	10	\$400	
	Other Observation, Extent : Light, Are		0%			
	Location: Perimeter Of The Building	-				
_,	Explanation: 17 CFL (Compact Flu					
Fluorescent	50%	2036	**	10	\$400	
	Other Observation, Extent : Light, Are Location : Outside	ea Affected: 100	1%			
	Explanation: 17 Fluorescent Fixture	es With T-8 Lam	ne			
Alarm	Explanation . 1/ Pluorescent Fixture	o wun 1-0 Lam	Pο			
Security System						
Generic	100%	2036	* *	1	\$3,000	
	Other Observation, Extent : Light, Are)%			
	Location: Inside And Outside					
	Explanation: 9 CCTV Surveillance	Cameras				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
Generic, Digital	100%	2036 **	1-3 \$4,900	
	Other Observation, Extent: Light, Area	a Affected : 100%		
	Location: Throughout The Building			
	Explanation : Smoke Detectors, Heat	Detector Manual Pull Stat	ion Alarm Bells And Horns	,

Mechanical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	40%		2054	* *	1		
Solar Panel(s)	60%		2054	* *	2	\$300	
Terminal Devices							
Fan Coil Unit/Heat	20%		2036	**	1	\$500	
	Other Observation, Ext		ffected	: 20%			
	Location : 1st Floor C	_					
	Explanation : Electric	Fan Coil Unit Hei	ater.				
No Component	80%						
Air Conditioning							
Energy Source	1000/	,	2052	* *	1		
Electricity	100%		2053		1		
Conversion Equipment Ext Pkg Unit -	100%	,	2036	* *	2	\$500	
Heating/Cooling	10070	•	2030		2	\$300	
Treating/Cooling	Other Observation, Ext	ent : Light, Area A	ffected	: 100%			
	Location : Roof	g, ,	9				
	Explanation: 3 Roof	Top Units With Re	frigera	nt R- 410a			
Ventilation							
Distribution							
Ductwork/Diffusers	100%]	LIFE	* *	2-5	\$7,100	
Exhaust Fans							
Roof	15%	2	2036	* *	2		
No Component	85%						
	Other Observation, Ext	ent : Light, Area Aj	ffected	: 0%			
	Location : Roof						
1.	Explanation: Process	Is Carried Out Th	rough.	A C System			
Plumbing							
H/C Water Piping Brass/Copper	100%	,	2054	* *	1		
Water Heater	10070		<u> </u>		1		
Electric	100%	,	2027	\$6,600	4	\$100	
Electric	Other Observation, Ext				4	\$100	
	Location : First Floor			. 100/0			
	Explanation: 2 Units			Are Used To Hea	t The Wa	ter	
-	Блрининон . 2 Onus	1101 Water Solar	1 uneis	THE OSER TO HER	1 111C 11 U	ıcı	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2036	* *	1	\$500	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2058	* *	1-2	\$2,200	
Chemical System						
No Component	80%					
Generic	10%	2027	\$200	1-3	\$400	
Generic	10%	2028	\$200	1-3	\$400	
	Other Observation, Extent:	Light, Area Affected .	: 100%			
	Location : Throughout					
	Explanation: Fire Extingu	iishers				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : RESCUE 1

Address : 530 WEST 43rd STREET BTWN 10TH AVE. - 11TH AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSRES.001 / 13227 Yr Built/Renovated : 1988 /

Area Sq Ft : 6,700 Project Type : FIRE DEPARTMENT

Date of Survey : 01-Apr-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 1071 Lot : 49 BIN : 1070109

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$65,700
Mechanical	\$48,300	
Total	\$48,300	\$65,700
Importance Code A	\$48,300	
Importance Code B		\$65,700
Total	\$48,300	\$65,700

\$45,400 \$52,300 \$18,900	\$300 \$6,200	\$300 \$5,600	\$300 \$10,300
	·	·	•
\$45,400	\$300	\$300	\$300
\$116,700	\$6,600	\$5,900	\$10,600
\$3,900	\$3,900	\$3,900	\$3,900
\$6,400	\$2,100	\$1,500	\$5,700
\$3,100	\$500	\$500	\$600
\$57,900			\$400
\$45,400			
FY 2019	FY 2020	FY 2021	FY 2022
	\$45,400 \$57,900 \$3,100 \$6,400 \$3,900	\$45,400 \$57,900 \$3,100 \$6,400 \$3,900 \$3,900 \$3,900	\$45,400 \$57,900 \$3,100 \$6,400 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13227

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls Masonry: Brick		Crumbling, : Through	Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$6,800	
Masonry: Granite	70%			LIFE	* *	5	\$14,200	
Wood Overhead Doors		0-2 ssing Elem : Through	\$4,300 eents, Extent : Ligh out	2037 t, Area A	* * ffected : 10%	5	\$3,400	
Windows Steel		0-2 ssing Elem : Through	\$9,400 ents, Extent : Ligh out	2040 t, Area A	* * ffected : 20%	5	\$3,700	
Parapets Masonry: Brick		0-2 Crumbling, : Through	\$18,500 Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$1,600	
Masonry: Granite	15% Int Mortar	Now Miss/Erod	\$700 l, Extent : Severe, A int At Rear Parape		* * ected : 5%	5	\$400	
Metal Cornice		0-2 ssing Elem : Through	\$300 eents, Extent : Ligh out	2052 t, Area A	* * ffected : 10%			
Roof	0.50/	0.2	¢10.600	2020	* *			
IRMA/Protected Membrane	95%	0-2	\$10,600	2029	**	1		
Skylight, Plastic		0-2 ssing Elem : Through	\$1,600 eents, Extent : Ligh out	2037 t, Area A		1		
terior								
Floors Cast in Place Concrete		2-4 Crumbling, : Through	\$3,600 Extent : Light, Are out	LIFE ea Affecto	* * ed : 20%	5	\$7,700	
Ceramic Tile	_	0-2 Crumbling, : Through	\$2,900 Extent : Light, Ard out	2033 ea Affecto	* * ed : 20%	5	\$800	
Quarry Tile	_	2-4 Crumbling, : Through	\$1,400 Extent : Light, Are out	2037 ea Affecto	* * ed : 20%	5	\$800	
Sheet Vinyl/Rubber		2-4 /Impact D : Through	\$3,000 amage, Extent : Li	2029 ght, Area	* * 1 Affected : 20%	5	\$800	
Vinyl Tile	_	2-4 Crumbling, : Through	\$2,600 Extent : Light, Are out	2029 ea Affecto	* * ed : 20%	3	\$1,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13227

Architecture		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%	2-4	\$2,700	2033	* *	5	\$1,000	
	Cracking/0	Crumbling, Ex	tent : Light, Are	ea Affect	ed : 20%			
	Location	: Throughout						
Concrete Masonry Unit	50%	2-4	\$7,300	LIFE	* *	5	\$2,600	
,	Cracking/0	Crumbling, Ex	tent : Light, Ar	ea Affect	ed : 20%			
	_	: Throughout	_	00				
SGFT/Glazed Masonry	35%	2-4	\$8,900	LIFE	* *			
,	O	Crumbling, Ex : Throughout	tent : Light, Ar		ed : 20%			
Ceilings								
AcousTileSusp.Lay-In	25%	2-4	\$2,000	2037	* *	5	\$1,300	
	_	Crumbling, Ex : Throughout	tent : Light, Ard	ea Affect	ed : 20%			
Gypsum Board	5%			LIFE	* *	5	\$600	
Metal Panel	70%	0-2	\$23,400	LIFE	* *	5	\$8,800	
	Broken/Mi	ssing Element	s, Extent : Ligh	t, Area A	ffected : 10%			
	Location	: Throughout						
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			

lectrical	Current Repair	Future Rep	lacement	М	aintenance			
vstem Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority		
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2044	* *	5	\$200			
	Other Observation, Extent: Mod	lerate, Area Affected :	100%					
	Location: Basement Service R	oom						
	Explanation: 600 Amperes Gf	i Main Breaker						
Switchgear / Switchboard								
Molded Case Bkrs	100%	2034	* *	5	\$200			
Raceway								
Conduit	100%	2034	* *	1				
Panelboards								
Molded Case Bkrs	100%	2032	* *	5	\$200			
Wiring								
Thermoplastic	100%	2034	* *	1				
Motor Controllers								
Locally Mounted	100%	2029	* *	5				
•	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement Boiler Ro	om						
	Explanation: Controls For He	ating System						

Ground

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13227

Electrical	Current Repair Future Replacement Maintenance								
System Component Type	% of Fail Date Estimated Control (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$100				
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Basement								
	Explanation: Water Main								
Stand-by Power									
Transfer Switches									
Automatic	100%	2029	* *	1	\$2,100				
	Other Observation, Extent : Modera	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Basement, Near Service								
	Explanation: Kohler Ats								
Generators									
Diesel	100%	2027	\$65,700	1	\$2,600				
Batteries									
Lead/Acid	100%	2019	\$1,500	5	\$200				
Fuel Storage									
Main Tank	100%	2039	* *	5	\$200				
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Outside Of Building								
	Explanation : Fully Intergrated To	ınk							
Lighting									
Interior Lighting									
Fluorescent	100%	2024	\$18,200	10	\$6,100				
	Other Observation, Extent : Modera	ite, Area Affe	cted : 100%						
	Location: Throughout								
	Explanation : T-8 Lamps Installed	!							
Egress Lighting									
Exit, Service	100%	2019	\$700	1					
Exterior Lighting									
HID	100%	2024	\$25,300	10					

Mechanical	Current Rep	oair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating									
Energy Source									
Natural Gas	100%		2034	* *	1				
Conversion Equipment									
Hot Water Boiler	100% Now	\$48,300	2044	* *	1	\$3,000			
	Malfunctioning, Extent:	Moderate, Area	a Affecte	d : 5%					
	Location: Fresh Air L	ouver Damper							
	Obsolete Equipment, Ex	tent : Severe, Ai	rea Affec	ted : 100%					
	Location : Basement	1 1							
	Other Observation, Exte	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement		-						
	Explanation: 3 Hydro	Therm Boilers							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13227

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Distribution Hot Wtr Piping/Pump	100%			2032	* *	4	\$500		
Terminal Devices	10070			2032			\$300		
Convector/Radiator	75%	Now	\$1,300	2029	* *	1	\$1,500		
			Extent : Moderate, 1	Area Affe	ected : 5%				
		: Kitchen							
11.'4.114		tion : Inade	equate Heat	2022	* *	4	#200		
Unit Heater - Steam Air Conditioning	25%			2032	* * *	4	\$200		
Energy Source									
Electricity	100%			2046	* *	1			
Conversion Equipment									
Window/Wall Unit	10%			2019	\$1,300	1			
No Component	90%								
Terminal Devices	000/			2022	* *	1	¢2.700		
Air Handler/Cool/Ht No Component	90% 10%			2032		1	\$3,700		
Heat Rejection	1070								
Air Cooled Condenser Unit	90%			2032	* *	2	\$4,200		
	Other Obs Location		Extent : Light, Area	Affected	! : 100%				
		=	gerant Type 410 A						
No Component	10%								
Ventilation									
Distribution	1000/			LIDD	* *	2.5	Ф2 700		
Ductwork/Diffusers Exhaust Fans	100%			LIFE	* *	2-5	\$3,700		
Interior	50%	Now	\$600	2024	\$11,100	2	\$100		
interior			tent : Moderate, A			2	\$100		
	Location	: Kitchen							
No Component	50%								
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2034	* *	1			
Water Heater Gas Fired	100%			2022	\$3,800	2	\$100		
Gas Filed		ervation. F	Extent : Light, Area		· ·	2	\$100		
		: Basemen	_	33					
	Explana	tion : <u>1- 7</u> 5	Gallon Unit						
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	1000/			LIEE	* *	1			
Cast Iron	100%			LIFE	~ Φ	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13227

Mechanical	Cı	urrent Repair	Futur	e Replacement	M	aintenance				
System Component Type		il Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing										
Sump Pump(s)										
Non-Submersible	100%		2024	\$1,000	4	\$200				
		Other Observation, Extent : Light, Area Affected : 100%								
	Location : B									
	Explanation	: 1 Pit Dual Pumps								
Fixtures	1000/									
Generic	100%	E C A	A CC 4 -	1. 1000/						
	Location : T	ures, Extent : Severe, Ard	еа Ајјестес	1: 100%						
N. (* 17)	Location : 1	nrougnout								
Vertical Transport										
Elevators Hydraulic	100%		LIFE	* *						
rrydraulic		ation, Extent : Light, Are		1 · 100%						
		anon, Extent : Eight, Are asement To First Floor	и пусстеи	. 100/0						
	Explanation Explanation									
Fire Suppression	Experiment	. 1 0/111								
Sprinkler										
No Component	80%									
Generic	20%		2034	* *	1-2	\$400				
Chemical System										
Dry	10% N	Now \$2,600	2024	\$2,600	1-3	\$300				
•	Other Observation, Extent: Severe, Area Affected: 100%									
	Location: Kitchen									
	Explanation	: Pcl-300, Needs Replac	cement							
No Component	80%									
Generic	10%		2019	\$200	1-3	\$400				
	Other Observation, Extent : Light, Area Affected : 100%									
	Location: T	hroughout								
	Explanation	: Fire Extinguishers								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : RESCUE 2 (OLD ENGINE CO. 234)

Address : 1472 BERGEN STREET BTWN TROY AV - SCHENECTADY AV

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSRES.002 / 13228 Yr Built/Renovated : 1892 /

Area Sq Ft : 3,975 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1353 Lot : 14 BIN : 3035830

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$144,100	
Mechanical		\$62,900
Total	\$144,100	\$62,900
Importance Code A	\$144,100	
Importance Code B		\$62,900
Total	\$144,100	\$62,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,300	\$300		_
Interior Architecture	\$35,300			\$700
Electrical	\$100			\$100
Mechanical	\$5,100	\$600	\$600	\$42,500
Total	\$71,800	\$900	\$600	\$43,300
Importance Code A	\$31,700	\$700	\$400	\$24,400
Importance Code B	\$30,600	\$200	\$200	\$18,900
Importance Code C	\$9,500			
Total	\$71,800	\$900	\$600	\$43,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13228

rchitecture		Current	Repair	Futui	re Replacement	M	aintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior									
Exterior Walls									
Masonry: Brick		Now	\$108,200	LIFE	* *	5	\$12,000		
	_	iagonal Cracks, Extent : Severe, Area Affected : 10%							
		Location : South Facade nt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%							
		r miss/£ro : Through		e, Area I	Ађестеа : 5%				
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
	Location: South Facde								
			: Moderate, Area	Affected	: 50%				
	Location	: Through	out						
Masonry: Brick	20%			LIFE	* *	5	\$3,400		
Masonry: Sandstone	5%			LIFE	* *	5	\$600		
Wood Overhead Doors	5%		\$27,000	2044	* *	5	\$2,100		
			Extent : Severe, Ar	ea Affec	ted : 100%				
		: North F							
	•		t : Severe, Area Aff	ected : 2	5%				
	Location	: North F	acade						
Windows Aluminum	100%			2040	* *	5	\$500		
Parapets							4000		
Cast Stone/Terra Cotta	10%	Now	\$500	LIFE	* *	5	\$700		
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
	Location	: Coping	At Kitchen Parapet						
Masonry: Brick	85%			LIFE	* *	5	\$700		
Masonry: Sandstone	5%	Now	\$3,700	LIFE	* *	5	\$100		
	Cracking/	Crumbling	Extent : Severe, A	rea Affe	cted : 50%				
	Location	: Front Po	arapet Coping						
			d, Extent : Severe, A	Area Affe	ected : 100%				
	Location: Front Parapet Coping								
			: Severe, Area Affa	ected : 5	0%				
	Location	: Front Po	arapet Coping						
Roof	10001	0.2	#27 000	2027	* *				
Modified Bitumen	100%		\$35,900	2034					
	Blisters, Extent : Moderate, Area Affected : 10% Location : Upper Roof								
			ooj Extent : Moderate, A	roa Aff.	natad · 100/				
			xtent : Moaerate, F loof Over Kitchen	неи АјЈе	жией. 1070				
			t : Moderate, Area I	Affected	. 20%				
		ueu, Exteni t : Through		ыјестеи	. 20/0				
erior	Locuion	. Imough	· · · · · · · · · · · · · · · · · · ·						

Interior

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13228

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors Cast in Place Concrete		Now Crumbling, H	\$6,800 Extent : Moderate	LIFE , Area A	* * ffected : 20%	5	\$7,200	
	Loose/Del		Extent : Moderat	e, Area A	Affected : 20%			
	Location	: Apparatus	Floor					
Ceramic Tile	5%			2033	* *	5	\$300	
Quarry Tile	5%			2037	* *	5	\$400	
Vinyl Tile	Broken/M Location	: Throughou			-	3	\$700	
	Location	ı : Throughoi						
	Location	: Second Fl	Severe, Area Affe oor		0%			
Wood	5%			2039	* *	5	\$600	
Interior Walls								
Ceramic Tile	10%			2033	* *	5	\$800	
Masonry: Brick		Now	\$6,100 Extent : Severe, A	LIFE	* *			
N	Worn/Ero	ded, Extent : a : Throughou		Affected	: 50%		ф1 200	
Plaster	Cracking/	Now Crumbling, E a : Throughou	\$3,500 Extent : Light, Are ut	LIFE ea Affect	* * ed : 15%	5	\$1,300	
		ted Finish, E. 1 : Throughoi	xtent : Moderate, ıt	Area Afj	fected : 50%			
		ling, Extent : 1 : Throughoi	Moderate, Area . ıt	Affected	: 50%			
Wood	25%			LIFE	* *	5	\$7,800	
Ceilings	<u> </u>							
AcousTileSusp.Lay-In	10%			2037	* *	5	\$600	
Exposed Struc: Steel	15%			LIFE	* *			
Plaster	Paint Pee	Now ling, Extent : a : Throughou	\$3,500 Moderate, Area ut	LIFE Affected	: 50%	5	\$1,700	
Wood		netration, Ext n : Kitchen	ent : Moderate, A	LIFE Area Affe	* * cted : 10%	5	\$15,600	
Site Enclosure								
Fence/Gates Chain link		servation, Ex : Througho	tent : Severe, Are ıt	2034 a Affecte	* * d : 100%			
		_		lywood I	Panels Have Been I	Attached	Throughout	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13228

Architecture		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2037	* *			
Parking/Driveway							
Asphalt	60%		2033	* *			
Cast in Place Concrete	40%		2037	* *			

Electrical	Current Repair		e Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%	2034	* *	5					
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Basement								
g :: 1 /g :: 11	Explanation : Main Service Switch R	ated @ 40	0 Amperes						
Switchgear / Switchboard	1000/	2024	* *	_	Ф100				
Molded Case Bkrs	100%	2034	* *	5	\$100				
Raceway	1000/	2024	* *	1					
Conduit	100%	2034	* *	1					
Panelboards	1000/	2022	* *	_	Ф100				
Molded Case Bkrs	100%	2032	* *	5	\$100				
Wiring	100%	2034	* *	1					
Thermoplastic	100%	2034		1					
Motor Controllers Locally Mounted	100%	2029	* *	5					
Ground	100%	2029		3					
Grounding Devices									
Generic Generic	100%	LIFE	* *	5	\$100				
Lighting	10070	LIIL			φ100				
Interior Lighting									
Fluorescent	90%	2024	\$9,700	10	\$3,300				
Tracrescent	T-8 Lamps And Fixtures, Extent : Mod			10	ψ2,200				
	Location: Throughout The Building	,	<i>33</i>						
Fluorescent	5%	2024	\$500	10	\$200				
Fluorescent	T-12 Lamps And Fixtures, Extent: Mo		·		\$200				
	Location: 2nd Floor	acraic, 111	earyjeerea : 100%	O					
T 1 4		2024	¢1 200	2					
Incandescent	5%	2024	\$1,300	2					
Egress Lighting	500/	2024	¢2 700	10	¢500				
Emergency, Battery	50% 50%	2024	\$2,700	10	\$500				
Exit, Service	JU%0	2024	\$200	1					
Exterior Lighting	1000/	2024	¢15 000	10					
HID	100%	2024	\$15,000	10					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13228

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Steam Boiler	100%		2022	\$24,100	1	\$3,900	
	Obsolete E Location	Equipment, Extent : Severe, A	rea Affec	ted: 100%			
		: Ceuar ervation, Extent : Light, Area	Affactad	1 • 100%			
		: Basement	і Аујестей	. 100/0			
		ion : 1 Unit					
Distribution	2. op tusten						
Central Plant Steam	100%		2024	\$62,900	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	90%		2022	\$17,900	1	\$1,200	
Unit Heater - Steam	10%		2019	\$1,300	4	\$100	
Air Conditioning							
Energy Source	100%		2022	* *	1		
Electricity Conversion Favirment	100%		2032		1		
Conversion Equipment Window/Wall Unit	40%		2019	\$3,100	1		
No Component	60%		2019	\$5,100	1		
Ventilation	0070						
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$400	
No Component	80%						
Exhaust Fans							
Roof	50%		2032	* *	2	\$100	
Wall Unit	50%		2032	* *	2	\$100	
Plumbing							
H/C Water Piping	1000/		2024	* *	1		
Brass/Copper	100%	amortian Entant Light Ange	2034		1		
		ervation, Extent : Light, Ared : Basement	і Ајјестеа	1: 30%			
		. Basemeni ion : Booster Pump System Ii	n Off Pos	ition			
Water Heater	Explanal	ion . Booster I ump system ii	i Ojj I os				
Gas Fired	100%		2023	\$2,300	2	\$100	
		ervation, Extent : Light, Area				4-00	
	Location	: Basement					
	Explanat	ion : 1 - 74 Gallon Unit					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	1000/		2010	4400		4400	
Submersible	100%		2019	\$100	4	\$100	
Fixtures	1000/						
Generic	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 RESCUE 2 (OLD ENGINE CO. 234)

Asset #: 13228

Mechanical	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression					
Chemical System					
No Component	98%				
Generic	2%	2022	1-3	\$100	
	Other Observation, Extent : Light, Area	Affected: 2%			
	Location : Kitchen				
	Explanation: Kitchen Stove				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : RESCUE 3

Address : 1655 WASHINGTON AVE. @ E.172 - 173 STS

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSRES.003 / 14463 Yr Built/Renovated : 2009 /

Area Sq Ft : 19,492 Project Type : FIRE DEPARTMENT

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Floors x

Block : 2905 Lot : 30 BIN : 2817127

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$77,000
Interior Architecture		\$54,200
Total		\$131,300
Importance Code A		\$77,000
Importance Code B		\$54,200
Total		\$131,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,700			
Interior Architecture	\$16,200	\$2,200		
Electrical	\$2,900	\$1,800	\$1,700	\$3,700
Mechanical	\$4,000	\$2,300	\$3,800	\$1,900
Total	\$30,700	\$6,300	\$5,500	\$5,600
Importance Code A	\$8,600	\$1,000	\$1,000	\$1,000
Importance Code B	\$22,100	\$4,000	\$4,600	\$4,600
Importance Code C		\$1,300		
Total	\$30,700	\$6,300	\$5,500	\$5,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Architecture		Current I	Repair	Future Replacement		Maintenance		
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
Exterior				<u> </u>				
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$3,400	
Masonry: Brick	40%			LIFE	* *	5	\$13,700	
Metal/Glass Curt Wall	3%			LIFE	* *	5	\$1,900	
Metal Panel	45%			2053	* *	5-10	\$105,900	
Metal Coiling Doors	10%			2044	* *	5	\$10,700	
Windows							* - 7,	
Aluminum	100%			2049	* *	5	\$1,200	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,500	
Metal Panel	5%			2053	* *	5	\$500	
Metal Rail	10%			2044	* *	5-10	\$4,400	
No Component	75%						-	
Roof								
IRMA/Protected	20%			2035	* *	10	\$5,200	
Membrane								
Metal, Corrugated	60%			2044	* *	1		
Plaza Roof: Stone Panels	10%			2053	* *			
Skylight, Metal/Glass	10%			2053	* *	10	\$8,700	
Interior								
Floors								
Cast in Place Concrete	85%	4+	\$5,200	LIFE	* *	5	\$54,200	
			: Light, Area Affec	cted : 209	%			
	Location	: Apparati	us Room					
Ceramic Tile	3%			2040	* *	5	\$900	
Sheet Vinyl/Rubber	2%			2035	* *	5	\$900	
Wood	10%	4+	\$9,600	2062	* *	5	\$2,700	
	Worn/Eroc	ded, Extent	: Light, Area Affec	cted : 359	%			
	Location	: Corridoi	rs Throughout					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	\$2,700	
Concrete Masonry Unit	15%			LIFE	* *	5	\$3,200	
Fiberglass Panel	30%			LIFE	* *			
Glass: Single Pane	5%			LIFE	* *	5	\$2,000	
Gypsum Board	20%			LIFE	* *	5	\$6,400	
Masonry: Brick	5%			LIFE	* *			
Steel Plate	5%			LIFE	* *	5	\$1,600	
Wood	5%			LIFE	* *	5	\$10,700	
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	\$2,800	
Exposed Struc: Steel	70%			LIFE	* *			
			Extent : Light, Area	Affected	! : 65%			
		: Through						
	Explana	tion : Mate	rial Is Actually Me	tal Deck	ing.			
Gypsum Board	5%			LIFE	* *	5	\$1,800	_
Metal Panel	15%			LIFE	* *	5	\$5,300	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14463

Electrical	Current Repair	Repair Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Model	2053 * * rate, Area Affected : 100%	* 5	\$100	
	Location : Electrical Room	, 33			
	Explanation : Main Service Disc	onnect Switch Rated @ 800 An	iperes.		
Switchgear / Switchboard Molded Case Bkrs	100%	2053 **	* 5	\$500	
Raceway Conduit	100%	2053 **	* 1		
Panelboards	10070	2033	1		
Fused Disc Sw	5%	2049 **	* 5		
Molded Case Bkrs	95%	2049 **		\$500	
Wiring	7570	201)		Ψ200	
Thermoplastic	100%	2053 **	* 1		
Motor Controllers Locally Mounted	100%	2044 **	* 5	\$100	
Ground	10070	2011		Ψ100	
Grounding Devices Generic	100%	LIFE *:	* 5	\$300	
Stand-by Power	100,0			4200	
Transfer Switches					
Automatic	100%	2044 *	* 1	\$6,000	
Generators					
Diesel	100%	2040 **	* 1	\$7,600	
	Other Observation, Extent : Moder Location : Outside	rate, Area Affected : 100%			
	Explanation: Emergency General	ator Rated @ 250kw			
Batteries					
Lead/Acid	100%	2022 \$1,500) 5	\$700	
Fuel Storage	500/	2040 **	. -	#1 000	
Day Tank	50% Other Observation, Extent: Model Location: Outside	rate, Area Affected : 100%	* 5	\$1,800	
	Explanation: 100 Gallons Rated	Capacity			
Main Tank	50% Other Observation, Extent: Model Location: Outside Explanation: 3000 Gallons Rate		* 5	\$300	
Lighting	Explanation . 3000 Gattons Rate	и сирисну			
Interior Lighting Fluorescent	95%	2035 **	* 10	\$17,000	
	T-8 Lamps And Fixtures, Extent : I Location : Throughout The Build	Moderate, Area Affected : 1009			
Fluorescent	5% Compact Fluorescent Light, Exten Location: Throughout The Build	2035 * t : Moderate, Area Affected : I	10	\$900	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14463

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY		Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Emergency, Service	50%	2035	* *	1		
Exit, LED	50%	2062	* *	1		
Exterior Lighting						
Fluorescent	20%	2035	* *	10	\$400	
	Compact Fluorescent Light, Extent	: Moderate, Area A	ffected : 100%	6		
	Location : Outside					
No Component	80%					
Alarm						
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2035	* *	1-3	\$3,600	
-	Other Observation, Extent : Moder	ate, Area Affected :	100%			
	Location: Hallways And Offices					
	Explanation: Smoke Detectors					

Mechanical	Current Repai	t Repair Future Rep		re Replacement Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2053	* *	1		
Conversion Equipment						
Furnace	35%	2035	* *	1	\$3,400	
	Other Observation, Extent Location: Roof Explanation: 2 Rtu Pack		: 35%			
Hot Water Boiler	65%	2040	* *	1	\$6,300	
	Other Observation, Extent Location : Basement Explanation : 1 Boilers	: Light, Area Affected	: 65%			
Distribution						
Hot Wtr Piping/Pump	65% Now Malfunctioning, Extent: M Location: Bms System	\$900 2049 Toderate, Area Affected	* * d : 5%	4	\$600	
No Component	35%					
Terminal Devices						
Convector/Radiator	25%	2044	* *	1	\$1,600	
Unit Heater - Steam	40%	2035	* *	4	\$1,100	
No Component	35%					
Air Conditioning						
Energy Source						
Electricity	100%	2049	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14463

Mechanical	Current Rep	oair Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	50%	2035	* *	2	\$600	
	Other Observation, Exte	nt : Light, Area Affected	d : 50%			
	Location: Roof					
		ge Units. Refrigerant R	-410a			
No Component	50%					
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$10,900	
Exhaust Fans	10070				Ψ10,500	
Interior	50%	2035	* *	2	\$300	
Roof	50%	2035	* *	2	\$300	
Plumbing H/C Water Piping Brass/Copper	100%	2053	* *	1		
Water Heater						
Gas Fired	100%	2026	\$11,100	2	\$300	
	Other Observation, Exte Location : Basement					
	Explanation: 2 Units I	About 125 Gallons Each	ı			
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s) Electric	100%	2035	* *	4	\$1,200	
Backflow Preventer						
Generic	100%	2035	* *	1	\$1,200	
Fixtures	1000/					
Generic	100%					
Fire Suppression Sprinkler	2007					
No Component	20%	20.52	ملد رائ	1.2	Φ.4. 4OΩ	
Generic	80%	2053	* *	1-2	\$4,400	
Chemical System Wet	100%	2026	\$2,100	1-3	\$4,200	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SPECIAL OPERATIONS COMMAND EMS
Address : 750 MAIN STREET ROOSEVELT ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSSPE.000 / 13229 Yr Built/Renovated : 1976 /

Area Sq Ft : 6,656 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1373 Lot : 1 BIN : 1083213

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$199,400	
Interior Architecture	\$66,400	
Electrical	\$65,700	
Mechanical	\$110,300	
Total	\$441,900	
Importance Code A	\$309,700	
Importance Code B	\$132,200	
Total	\$441,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$700			\$2,400
Interior Architecture	\$12,600			\$700
Electrical	\$52,100	\$500	\$500	\$21,200
Mechanical	\$11,500	\$100	\$800	\$5,600
Total	\$76,900	\$500	\$1,300	\$29,900
Importance Code A	\$700		\$600	\$2,400
Importance Code B	\$76,200	\$500	\$700	\$27,100
Importance Code C				\$400
Total	\$76,900	\$500	\$1,300	\$29,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 SPECIAL OPERATIONS COMMAND EMS

Asset #: 13229

Architecture	Current Repa	ir f	uture Replaceme	ent	Ma	aintenance	
System Component Type	% of Fail Date Esti Total (Years)		ear Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	700/ Name	¢100.500 I	IDE	* *	_	\$4.200	1
Concrete Masonry Unit	Broken/Missing Elements, Location: Throughout Cracking/Crumbling, Exte Location: Throughout Jnt Mortar Miss/Erod, Ext Location: Throughout Staining/Discoloring, Exte Location: Sides And Rec	Extent: Severe, Area ent: Severe, Area ent: Severe, Area ent: Severe, Area ent: Severe, Area ent	Affected : 40%	%	5	\$4,200	1
Metal Panel	20% Now	·)44	* *	5	\$3,600	1
	Corrosion/Rusting, Extent Location: Entrance, We		fected : 90%				
Wood Overhead Doors	10%	20)37	* *	5	\$4,800	
Windows Aluminum	100% Now	\$89,900 20)49	* *	5	\$1,100	
	Ctrwt/Balnc Not Funct, Ex Location: Throughout Glazing Broken/Cracked, Location: Throughout Caulking Deteriorated, Ex Location: Throughout	ctent : Severe, Are Extent : Moderate	a Affected : 30%	10%			
Parapets							
Not Accessible	100%						
Roof Not Accessible	100%						
Interior	10070						-
Floors							
Cast in Place Concrete	60%	L	IFE	* *	5	\$13,100	
Ceramic Tile	5% 0-2		033	* *	5	\$200	
	Cracking/Crumbling, Exte Location: Throughout	nt : Light, Area A	ffected : 10%				
Quarry Tile	5% 0-2 Cracking/Crumbling, Exte		037 ffected : 10%	* *	5	\$400	
Vinyl Tile	30% Now Adhesion Failure, Extent: Location: Basement Water Penetration, Extent Location: Basement Other Observation, Extent Location: 2nd Floor Explanation: Mezzanine	Severe, Area Aff. : Severe, Area Aff. : Light, Area Aff.	fected : 80%	**	3	\$1,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 SPECIAL OPERATIONS COMMAND EMS

Asset #: 13229

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2027	\$19,900	5	\$700	
Concrete Masonry Unit	50%			LIFE	* *	5	\$2,900	
Plywood/Hardboard	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn		0-2	\$1,200	2029	* *	5	\$1,900	
	_	_	Extent: Light, Are	ea Affecto	ed : 10%			
	Location	: Through	out					
Exposed Concrete	20%			LIFE	* *	5	\$300	
Gypsum Board	10%			LIFE	* *	5	\$1,200	
Metal Panel	40%	Now	\$66,400	LIFE	* *	5	\$5,000	
	Bent/Warp	ed Elemen	ts, Extent : Severe,	Area Afj	fected : 60%			
	Location	: Through	out Apparatus Roo	m And L	ounge			
	Broken/Mi	ssing Elem	ents, Extent : Seve	re, Area	Affected : 10%			
	Location	: Apparati	is Room And Loun	ge				
	Deformed	Dented, Ex	tent : Severe, Area	Affected	d : 30%			
	Location	: Through	out Apparatus Roo	m And L	ounge			
	Other Obs	ervation, E	xtent : Severe, Are	a Affecte	ed: 100%			
	Location	: Apparati	s Room And Loun	ge				
	Explanat	ion : Ceilir	ig Panels Are At T	he End C	of Their Useful Life	?		

ectrical	Current Repair	Future Replacement		Maintenance				
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2044	* *	5				
	Other Observation, Extent : Moderate,	Area Affect	ted : 100%					
	Location: Basement Service Room							
	Explanation: 2-400 Amperes Service	e Switches						
Transformers								
Dry Type	100%	2022	\$15,800	5				
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement Service Room							
	Explanation: 1-225 Kva Unit - Very Noisy							
Switchgear / Switchboard	·	<u> </u>						
Fused Disc Sw	100%	2034	* *	5				
Raceway								
Conduit	100%	2034	* *	1				
Panelboards								
Molded Case Bkrs	100%	2032	* *	5	\$200			

2037

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

100%

Cast in Place Concrete

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 SPECIAL OPERATIONS COMMAND EMS

Asset #: 13229

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				
Wiring						
Braided Cloth	5%	2023	\$1,400	1		
Thermoplastic	95%	2034	* *	1		
Motor Controllers	90%	2029	* *	5		
Locally Mounted Motor Control Center	90% 10%	2029	* *	5 5		
Ground	1070	2023				
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent : M Location : Water Meter Roc Explanation : Ground Conn					
Stand-by Power						
Transfer Switches						
Automatic	100%	2022	\$4,800	1	\$2,100	
	Other Observation, Extent: Moderate, Area Affected: 100% Location: Service Room Explanation: Zenith Type Switch					
Generators	Explanation . Lentin Type 5	wiich				
Diesel	100%	2020	\$65,700	1	\$2,600	
	Other Observation, Extent : M Location : Rear Generator I Explanation : 225 Kva Kohi	Ioderate, Area Affec Room			, ,,,,,	
Batteries	•					
Lead/Acid	100%	2019	\$1,500	5	\$200	
Fuel Storage						
Day Tank	100% 2023 \$500 5 \$1,200 Other Observation, Extent: Moderate, Area Affected: 100% Location: Generator Room Explanation: 60 Gallon Tank					
Lighting						
Interior Lighting Fluorescent	100% Other Observation, Extent: M Location: Throughout The Explanation: T-12 Fixtures	Building	\$18,000 sted : 100%	10	\$6,100	
Egress Lighting Exit, Service	100% Other Observation, Extent : M Location : Throughout Explanation : Main Power I		\$700 sted : 100%	1		
Exterior Lighting HID	100%	2019	\$25,100	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 SPECIAL OPERATIONS COMMAND EMS

Asset #: 13229

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source	1000/		2011	de de				
Electricity	100%		2044	* *	1			
Conversion Equipment	1000/ 1	¢110.200	2024	* *	2	#2.500		
Radiant Heater	100% Now Not in Service, Extent: Location: 1st Floor	\$110,300 Moderate, Area	2034 Affected		2	\$2,500		
	Other Observation, Ext Location: 1st And 2n	d Floor	Area Affe	ected : 100%				
	Explanation: 10 Elec	tric Heaters						
Air Conditioning								
Energy Source	1000/		• • • • •	* *				
Electricity	100%		2032	* *	1			
Conversion Equipment Ext Pkg Unit - Heating/Cooling	10%		2029	* *	2			
Window/Wall Unit	60% Now Broken, Extent: Light,	\$7,800 Area Affected : .	2024 100%	\$7,800	1			
	Location : Offices Other Observation, Ext Location : 1st And 2n Explanation : Friedri	d Floors		ected : 100%				
No Component	30%	en window 11 C	Onns					
Ventilation Ventilation	3070							
Distribution								
Ductwork/Diffusers	30%		LIFE	* *	2-5	\$1,100		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement Mechanical Room Explanation : Trane Ceiling Cabinet Fan							
N. C.		Letting Cabinet 1	an					
No Component	70%							
Exhaust Fans Roof	100%		2024	\$10.200	2	\$200		
Plumbing	10070		2024	\$10,300	2	\$200		
H/C Water Piping								
Brass/Copper	100%		2034	* *	1			
Water Heater	10070		2031		-			
Electric	100% Now Malfunctioning, Extent	\$300 · Moderate Are	2022 a Affecte	\$5,500 d:5%	4			
	Location : Hot Water							
	Other Observation, Extent : Moderate, Area Affected : 1% Location : 1st Floor Mechanical Room							
	Explanation: (2) Don Each			uard Co And Turb	osandbla	ster, 120 Gallons		
Sanitary Piping	Еисп							
Cast Iron	100% Now Blockage /Clogged, Ext	\$2,300 tent : Moderate,	LIFE Area Affe	* * ected : 10%	1			
	Location : Apparatus							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 SPECIAL OPERATIONS COMMAND EMS

Asset #: 13229

Mechanical	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	eate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100% Now	\$900	2034	* *	4	\$100	
	Obsolete Equipm	ent, Extent : Severe, A	rea Affec	ted : 100%			
	Location: Base	ment					
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
No Component	90%						
Generic	10%		2019	\$200	1-3	\$400	
	Other Observatio	n, Extent : Light, Area	Affected	: 100%			
	Location: Thro	ughout					
	Explanation: F	ire Extinguishers					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 1

Address : 788 UNION STREET BTWN 6TH AVE - 7TH AVE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSSQU.001 / 13230 Yr Built/Renovated : 1907 /

Area Sq Ft : 5,708 Project Type : FIRE DEPARTMENT

Date of Survey : 13-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 957 Lot : 23 BIN : 3020193

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$83,100	
Electrical		\$32,700
Total	\$83,100	\$32,700
Importance Code B		\$32,700
Importance Code C	\$83,100	
Total	\$83,100	\$32,700

	=>/ 00/0	=\/.0000	=>/.000/	=>/ 0000
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,000	\$300		\$4,600
Interior Architecture	\$58,000			\$500
Electrical	\$36,800			\$14,400
Mechanical	\$14,600	\$800	\$900	\$1,200
Total	\$147,400	\$1,100	\$900	\$20,600
Importance Code A	\$39,800	\$800	\$600	\$5,100
Importance Code B	\$99,500	\$200	\$300	\$15,500
Importance Code C	\$8,100			
Total	\$147,400	\$1,100	\$900	\$20,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13230

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior	•			•				•
Exterior Walls								
Masonry: Brick	78%			LIFE	* *	5	\$17,900	
Masonry: Granite	2%			LIFE	* *	5	\$300	
Masonry: Limestone	10%			LIFE	* *	5	\$1,700	
Metal Panel	2%			2044	* *	5-10	\$3,100	
Wood Overhead Doors	8%			2037	* *	5	\$9,200	
Windows								
Aluminum	90%			2040	* *	5	\$500	
Aluminum		Now	\$2,400	2049	**	5		
			ct, Extent : Severe,	Area Af	fected : 50%			
		: Locker F		1 00 1	500/			
	_		ent : Severe, Area A	Affected :	50%			
	Location	: Locker F	Room					
Parapets /T. C. #	200/			LIDE	* *	_	#2.700	
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$2,700	
Masonry: Brick Roof	80%			LIFE		5	\$1,400	
Modified Bitumen	Water Per Location	: Over Lo						
Skylight, Metal/Glass	Glazing B	Now roken/Crac : Tv Room	\$31,900 eked, Extent : Mode n	2044 erate, Are	* * ea Affected : 10%			
			Extent : Moderate, 1 1, 3rd Floor	Area Affe	ected : 30%			
terior								
Floors Cast in Place Concrete	450/			LIEE	* *	5	¢7.400	
Ceramic Tile	45% 6%			LIFE 2033	* *	5 5	\$7,400 \$400	
Quarry Tile	5%			2033	* *	5 5	\$400 \$600	
Vinyl Tile		Now	\$14,000		* *			
vinyi The	22% Now \$14,000 2034 ** 3 \$600 Broken/Missing Elements, Extent: Moderate, Area Affected: 15% Location: Throughout							
		Crumbling, : Through	, Extent : Moderate out	e, Area Ą	ffected : 20%			
		ts, Extent : : Through	Moderate, Area A out	ffected :	50%			
		ded, Extent : Through	t : Moderate, Area : out	Affected	: 15%			
Wood	Deflection	Now Evident, E : Stair Ca	\$16,200 Extent : Moderate, 1 se	2052 Area Affe	* * ected : 15%	5	\$1,500	
		ded, Extent : Stair Ca	t : Moderate, Area . se	Affected	: 30%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13230

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls	200/	N	#20 000	2022	* *	5	¢2 400	
Ceramic Tile		Now	\$39,800 ents, Extent : Seve	2033		5	\$2,400	
			enis, Exieni . seve. · Staircase Up	re, Area	Affeciea . 1576			
			xtent : Moderate, A	Area Affe	cted · 5%			
			To Basement	170011990	cica . 570			
Masonry: Brick	22%	4+	\$43,400	LIFE	* *			
Masoniy. Brick		•	: Severe, Area Affa		0%			
		_	out Basement	cereu . o	570			
Plaster	40%	4+	\$8,100	LIFE	* *	5	\$1,500	
1 laster			: Moderate, Area		: 30%	3	\$1,500	
		: 3rd Floo		-55				
Ceilings								
AcousTileSusp.Lay-In	20%	Now	\$13,300	2044	* *	5	\$800	
			ents, Extent : Mod	erate, Ar	ea Affected : 15%			
		: Through						
			, Extent : Moderat	e, Area A	Affected : 40%			
		: Through						
			Extent : Moderate,	Area Afj	fected : 50%			
F 1 134 1		: Through	ош	TIPE	* *		Φ700	
Embossed Metal	20%			LIFE	* *	5	\$700	
Exposed Struc: Steel Metal Panel	25% 5%			LIFE	* *	5	\$500	
Plaster	30%	0-2	\$6,500	LIFE LIFE	* *	5 5	\$500 \$1,500	
Plaster			Extent : Severe, A			3	\$1,300	
	_	_	r Next To Pole And					
			: Moderate, Area					
		_	r Rear Wall	2550000	. 5,0			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2029	* *			

Electrical	Current Repair	ir Future Replacement		M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•					
Service Equipment						
Molded Case Bkrs	100%	2024	\$4,800	5	\$200	
	Other Observation, Extent: Moderate,	Area Affec	ted : 100%			
	Location: Basement					
	Explanation: One 200 Amperes Main	Disconne	ct Switch			
Raceway						
Conduit	95%	2024	\$29,700	1		
Conduit	5%	2044	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13230

Electrical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Fused Disc Sw	5%	2023	\$1,900	5		
Molded Case Bkrs	85%	2023	\$32,700	5	\$100	
Molded Case Bkrs	10%	2040	* *	5		
Wiring						
Thermoplastic	90%	2024	\$24,900	1		
Thermoplastic	10%	2044	* *	1		
Motor Controllers						
Locally Mounted	100%	2022	\$14,400	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	50%	2024	\$7,700	10	\$2,600	
	Other Observation, Extent Location : Basement And		ected : 100%			
	Explanation: T-8 Lamps					
Fluorescent	50%	2019	\$7,700	10	\$2,600	
	T-12 Lamps And Fixtures,			ó		
	Location : 2nd And 3rd F					
Egress Lighting						
Emergency, Battery	50%	2019	\$3,800	10	\$700	
Exit, Service	50%	2019	\$300	1		
Exterior Lighting						
HID	100%	2019	\$21,500	10		

Current R	epair	Futur	e Replacement	M	Maintenance	
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%		2050	* *	1		
100% Now	\$1,700	2037	* *	1	\$5,100	
Malfunctioning, Exten	t : Moderate, Ared	Affecte	d : 10%			
Location : Boiler Co	ntrol System					
Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	_	33				
Explanation : One U	nit					
100%		2050	* *	4	\$300	
100%		2037	* *	1	\$1,800	
	% of Fail Date Total (Years) 100% 100% Now Malfunctioning, Exten Location: Boiler Co Other Observation, Ex Location: Boiler Roc Explanation: One U	Total (Years) 100% 100% Now \$1,700 Malfunctioning, Extent: Moderate, Area Location: Boiler Control System Other Observation, Extent: Light, Area Location: Boiler Room Explanation: One Unit 100%	% of Fail Date Estimated Cost Total (Years) 100% 2050 100% Now \$1,700 2037 Malfunctioning, Extent: Moderate, Area Affected Location: Boiler Control System Other Observation, Extent: Light, Area Affected Location: Boiler Room Explanation: One Unit 100% 2050	% of Fail Date Estimated Cost Total (Years) 100% 2050 ** 100% Now \$1,700 2037 ** Malfunctioning, Extent: Moderate, Area Affected: 10% Location: Boiler Control System Other Observation, Extent: Light, Area Affected: 100% Location: Boiler Room Explanation: One Unit 100% 2050 **	% of Fail Date Estimated Cost Total (Years) 100% 2050 ** 1 100% Now \$1,700 2037 ** 1 Malfunctioning, Extent: Moderate, Area Affected: 10% Location: Boiler Control System Other Observation, Extent: Light, Area Affected: 100% Location: Boiler Room Explanation: One Unit	% of Fail Date Estimated Cost Total (Years) 100% 2050 ** 1 100% Now \$1,700 2037 ** 1 \$5,100 Malfunctioning, Extent: Moderate, Area Affected: 10% Location: Boiler Control System Other Observation, Extent: Light, Area Affected: 100% Location: Boiler Room Explanation: One Unit 100% 2050 ** 4 \$300

Air Conditioning

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13230

Mechanical		Current Re	pair	Future l	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment	000/			2010	ФО ООО			
Window/Wall Unit	80%			2019	\$8,900	1		
No Component	20%							
Ventilation Distribution								
Distribution Ductwork/Diffusers	10%			LIFE	* *	2-5	\$300	
No Component	90%			LIFE		2-3	\$300	
Exhaust Fans	7070							
Roof	10%	Now	\$900	2034	* *	2		
11001			e, Area Affected :			~		
		: Kitchen	. 55					
No Component	90%							
Plumbing	,,,,							
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2023	\$3,300	2	\$100	
	Other Obs	ervation, Ext	tent : Light, Area	Affected:	100%			
		: Basement						
	Explana	ion : 2 - 74 (Gallon Units					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/			T TDD	ata ata			
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	1000/			2010	¢200	4	#200	
Submersible	100%			2019	\$200	4	\$200	
Fixtures Generic	100%							
Fire Suppression	10070							
Chemical System								
Dry	10%	Now	\$2,600	2024	\$2,600	1-3	\$300	
Diy			Severe, Area Afj			1 3	Ψ500	
			Init - Kitchen					
			tent : Light, Area	Affected:	100%			
		: Kitchen	g ,	33				
		ion : Model	Rg-2.5g					
No Component	80%							
Generic	10%			2022	\$200	1-3	\$400	
		ervation, Ext	tent : Light, Area				Ψ100	
		: Throughou						
		ion : Fire Ex						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 18

Total

Address : 132 WEST 10TH STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSSQU.018 / 14075 Yr Built/Renovated : 1892 / 2001

Area Sq Ft : 7,107 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 610 Lot : 51 BIN : 1010686

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$38,000
Electrical		\$38,500
Total		\$76,500
Importance Code A		\$38,000
Importance Code B		\$38,500
Total		\$76,500

EXPENSE FY 2019 FY 2020 FY 2021 FY 2022 **Exterior Architecture** \$9,100 \$8,200 Interior Architecture \$32,500 \$3,000 \$700 Electrical \$100 \$24,500 Mechanical \$17,700 \$1 100 \$1,000 \$900

Site Pavements	\$600	\$1,100	\$1,000	Ψ200
Total	\$59,900	\$1,200	\$28,500	\$9,800
Importance Code A	\$9,800	\$700	\$700	\$8,900
Importance Code B	\$47,300	\$500	\$27,800	\$1,000
Importance Code C	\$2,800			

\$1,200

\$28,500

\$9,800

\$59,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14075

Architecture		Current	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	- 0.							
Cast Iron	5%	150 1	E	LIFE	**			
			Extent : Light, Area or Front Of Building		ed : 20%			
Cast Stone/Terra Cotta	15%			LIFE	* *	5	\$38,000	
Masonry: Brick	70%			LIFE	* *	5	\$22,700	
Masonry: Granite	5%			LIFE	* *	5	\$1,200	
Metal Sect. OHD	5%			2039	* *	5	\$5,100	
Windows								
Wood	100%			2042	* *	5	\$16,300	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$2,200	
Masonry: Brick	80%			LIFE	* *	5	\$1,100	
Roof								
Asphalt Shingle	10%			2035	* *	10	\$100	
Modified Bitumen		Now	\$6,600	2031	* *			
	Drains Clo Location		ent : Moderate, Are	ea Affecte	ed : 50%			
Interior								
Floors								
Ceramic Tile	15%			2029	* *	5	\$1,600	
Quarry Tile	5%	2-4	\$1,500	2039	* *	5	\$400	
		led, Exten : Kitchen	t : Light, Area Affec	eted : 259	%			
Vinyl Tile	55%	Now	\$14,900	2036	* *	3	\$2,200	
·		rface, Ext	ent : Moderate, Are Floor	a Affecte	ed : 20%			
Wood	25%			2061	* *	5	\$5,000	
Interior Walls								
Ceramic Tile	30%			2029	* *	5	\$4,400	
Gypsum Board	20%			LIFE	* *	5	\$1,800	
Masonry: Brick	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2031	* *	5	\$1,100	
Embossed Metal	35%	2-4	\$13,100	LIFE	* *	5	\$1,700	
	Deformed	Dented, E	xtent : Severe, Area	ı Affected	d: 20%			
	Location	: Through	out Apparatus Roo	m				
		_	t : Severe, Area Affa nout Apparatus Roo		0%			
Exposed Struc: Wood	40%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$2,000	
Site Pavements							* 7::*	
On-Site Walkways								
Cast in Place Concrete	100%			2031	* *			
-								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14075

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% 0-2 \$600 2039 **

Cracking/Crumbling, Extent: Moderate, Area Affected: 10%

Location: Front Apron

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%		2026	\$4,800	5			
		orroded, Extent : Severe, A		ted : 20%				
		Basement Service End Box						
		vation, Extent : Moderate,	Area Affe	ected : 100%				
		Basement Rear.						
	Explanatio	n: 1-200 Amperes Switch						
Raceway	-00/		• • • •	** **********************************				
Conduit	70%		2026	\$21,900	1			
Conduit	30%		2036	* *	1			
Panelboards	1000/			*** • • • • • • • • • • • • • • • • • •	_	4.00		
Molded Case Bkrs	100%		2025	\$38,500	5	\$200		
Wiring	200/			di di				
Thermoplastic	30%		2036	**	1			
Thermoplastic	70%		2026	\$19,400	1			
Motor Controllers	1000/		2021	* *	_			
Locally Mounted	100%		2031	* *	5			
Ground								
Grounding Devices Generic	100%		LIFE	* *	5	\$100		
	100%		LIFE		3	\$100		
Lighting Interior Lighting								
Fluorescent	95%		2021	\$18,300	10	\$6,200		
Fluorescent	,	and Fixtures, Extent : Light			10	\$0,200		
	-	Throughout	, 11164 1199	eciea . 100/0				
Incandescent	5%	1111 011 511 0111	2026	¢2 200	2			
Incandescent		vation, Extent : Light, Area		\$2,300	2			
	Location :	· ·	і Ајјестеа	: 100%				
Estado I inláiso	Ехріапапо	n : Lounge Area						
Exterior Lighting Incandescent	30%		2026	\$6,800	2			
meandescent		vation, Extent : Light, Arec			2			
		vanon, Extent . Ligni, Aret In Front And Rear	irijjecieu	. 100/0				
		n : Controlled Via Timer						
No Company	70%	n. Comfoned via Linter						
No Component	/0%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14075

Mechanical	Current Rep	pair	Future Replacement		M		
System Component Type	% of Fail Date E Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/	2	046	* *	1		
Natural Gas Conversion Equipment	100%		2046		1		
Steam Boiler	100%	2	2039	* *	1	\$7,000	
	Recent Repair Evident,			ted : 20%	•	Ψ7,000	
	Location: Basement						
	Other Observation, Exte						
	Location : Basement N		ent Ro	om			
	Explanation: Central	Heating Plant					
Distribution	1000/	•	0026	* *	4	¢500	
Central Plant Steam Piping/Pmp	100%	2	2036	4. 4.	4	\$500	
Terminal Devices							
Convector/Radiator	95%	2	2031	* *	1	\$2,200	
	Other Observation, Exte	ent : Light, Area Af	fected .	: 100%		. ,	
	Location: 1st Through	a 3rd Floors					
	Explanation : One Pip	e Steam System					
Unit Heater - Steam	5% Now	+ ,	036	* *	4		
	Broken, Extent: Light, A	Area Affected : 30%	6				
	Location : 1st Floor						
Air Conditioning							
Energy Source Electricity	50%	2	2034	* *	1		
No Component	50%	2	.034		1		
Conversion Equipment	3070						
Interior Pkg Unit -	5% Now	\$12,400 2	2031	* *	2		
Cooling		,					
_	Abandoned in Place, Ex	tent : Light, Area A	Affected	l : 20%			
	Location: 3rd Floor						
Window/Wall Unit	50% 0-2	. ,	2025	\$6,900	1		
	Other Observation, Exte	0 00	fected .	: 30%			
	Location: 1st, 2nd An						
	Explanation: 30 Perce	ent Failure Of Unit	'S				
No Component	45%						
Ventilation							
Exhaust Fans Roof	100%	2	2031	* *	2	\$200	
Plumbing	10070		.051			ψ200	
H/C Water Piping							
Brass/Copper	100%	2	2036	* *	1		
Water Heater							
Gas Fired	100%	2	2024	\$4,100	2	\$100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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FIRE DEPARTMENT - 057 SQUAD 18

Asset #: 14075

Mechanical	Current Repair		Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sanitary Piping							
Cast Iron	100% 4+	\$1,000	LIFE	* *	1		
	Other Observation, Extent .	: Moderate, A	rea Affected	: 10%			
	Location: Basement						
	Explanation: Recent Rep		Response To	Leaking Was I	Not A Fu	ll Replacement	
	And Future Leakage Is Ar	ıticipated					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100% 4+	\$100	2026	\$1,000	4	\$200	
	Other Observation, Extent	: Light, Area	Affected : 10	%			
	Location: Basement						
	Explanation: Operable						
Fixtures							
Generic	100%						
Fire Suppression		•	•				
Fire Pump							
Not Accessible	100%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 252

Address : 617 CENTRAL AVENUE @ DECATUR ST

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 4,488 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Mar-2013 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 3429 Lot : 3 BIN : 3079480

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$84,800
Total		\$84,800
Importance Code B		\$84,800
Total		\$84,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$30,400	\$100		\$500
Interior Architecture	\$19,900			\$1,000
Electrical	\$2,500	\$300	\$300	\$17,400
Mechanical	\$7,600	\$700	\$700	\$4,400
Site Enclosure	\$1,300			
Total	\$61,800	\$1,100	\$1,000	\$23,200
Importance Code A	\$30,800	\$500	\$400	\$1,000
Importance Code B	\$27,000	\$600	\$500	\$22,300
Importance Code C	\$3,900			
Total	\$61,800	\$1,100	\$1,000	\$23,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13142

Priority
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13142

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Ceramic Tile	5%			2033	* *	5	\$100		
Ceramic Tile	5%			2039	* *	5	\$100		
			ent, Extent : Light,	Area Aff	ected : 100%				
	Location	: Through	out						
Gypsum Board	5%			LIFE	* *	5	\$100		
Masonry: Brick	30%			LIFE	* *				
Plaster	20%		\$500	LIFE	* *	5	\$200		
		Crumbling, : Through	Extent : Light, Are out	ea Affecto	ed : 10%				
SGFT/Glazed Masonry	35%	0-2	\$2,100	LIFE	* *				
,		Crumbling, : Through	Extent : Light, Are	ea Affecto	ed : 10%				
Ceilings									
AcousTileSusp.Lay-In	15%			2037	* *	5	\$1,000		
Embossed Metal	45%		\$13,700	LIFE	* *	5	\$1,300		
		/Rusting, E e: 2nd Floo	xtent : Moderate, A or	Area Affe	cted : 10%				
Exposed Struc: Steel	25%			LIFE	* *				
•		place Evide : Through	ent, Extent : Light, out	Area Aff	ected : 100%				
Plaster	15%	0-2	\$1,400	LIFE	* *	5	\$600		
	_	Crumbling, : Through	Extent : Light, Are	ea Affecto	ed : 10%				
Site Enclosure									
Fence/Gates									
Chain link	50%			2044	* *				
Wood	50%	0-2	\$1,300	2025	\$13,000				
		issing Elem : Through	ents, Extent : Ligh out	t, Area A	ffected : 10%				
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2029	* *				
Parking/Driveway									
Asphalt	80%			2033	* *				
Cast in Place Concrete	20%			2037	* *				

Electrical	Current Repair	Future Replacement	nent Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13142

Electrical	Current Repair	ir Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2024	\$5,300	5			
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%				
	Location: Basement						
	Explanation: One 200 Amperes Main	Disconn	ect Switch				
Switchgear / Switchboard				_	****		
Molded Case Bkrs	100%	2024	\$53,300	5	\$100		
Raceway	000/		440.000				
Conduit	90%	2024	\$30,800	1			
Conduit	10%	2044	* *	1			
Panelboards	-0.4		0.00	_			
Fused Disc Sw	5%	2023	\$2,100	5	****		
Molded Case Bkrs	75%	2023	\$31,500	5	\$100		
Molded Case Bkrs	20%	2040	* *	5			
Wiring							
Thermoplastic	90%	2024	\$27,200	1			
Thermoplastic	10%	2044	* *	1			
Motor Controllers	1000/		4.7.	_			
Locally Mounted	100%	2022	\$15,700	5			
Ground							
Grounding Devices	1000/		* *	_	4400		
Generic	100%	LIFE	* *	5	\$100		
Stand-by Power							
Transfer Switches	1000/	2044	* *		Ø1 400		
Automatic	100%	2044	* *	1	\$1,400		
Generators	1000/	2020	* *	1	01.700		
Diesel	100%	2039		1	\$1,700		
	Other Observation, Extent: Moderate, A	Area Affe	ectea : 100%				
	Location: Generator, Outside						
D. # .	Explanation : One 62 Kw						
Batteries	1000/	2010	¢1.600	5	¢200		
Lead/Acid	100%	2019	\$1,600	5	\$200		
Fuel Storage	1000/	2040	* *	_	¢ 000		
Day Tank	100% Other Observation, Extent: Moderate, A	2049		5	\$800		
		area Affe	естеа : 100%				
	Location: Outdoor Generator						
I ighting	Explanation: One 165 Gallons						

Lighting

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13142

Electrical	ctrical Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ighting							
Interior Lighting							
Fluorescent	30%	2032	* *	10	\$1,200		
	Other Observation, Extent: Modera	ate, Area Affec	ted : 100%				
	Location: Throughout The Buildi	ng					
	Explanation: T-8 Lamps						
Fluorescent	3%	2032	* *	10	\$100		
	T-5 Lamps And Fixtures, Extent: M	loderate, Area	Affected: 100%				
	Location: Waiting Room						
Fluorescent	67%	2024	\$8,900	10	\$2,800		
	T-8 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%						
	Location: Throughout The Buildi	ng					
Egress Lighting							
Emergency, Service	50%	2032	* *	1			
Emergency, Service	20%	2024	\$500	1			
Exit, Service	30%	2024	\$200	1			
Exterior Lighting							
HID	100%	2024	\$18,500	10			

Mechanical	Current Re	pair	Futur	e Replacement	М		
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment							
Steam Boiler	100%		2041	* *	1	\$4,400	
	Other Observation, Ext	ent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: 1 Unit						
Distribution							
Central Plant Steam	100%		2044	* *	4	\$300	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100% Now	\$1,200	2029	* *	1	\$1,300	
	Leak Evident, Extent : S	Severe, Area Affe	cted : 10	0%			
	Location: 3rd Floor	Bath Room					
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Window/Wall Unit	60%		2019	\$5,700	1		
Window/Wall Unit	10%		2022	\$1,000	1		
No Component	30%			•			

Ventilation

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13142

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$500	
No Component	80%					
Exhaust Fans						
Roof	20%	2029	* *	2		
No Component	80%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2050	* *	1		
	No Water Meter, Extent : L	ight, Area Affected : 10	00%			
	Location : Basement					
Water Heater						
Gas Fired	100%	2022	\$2,800	2	\$100	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location: Basement					
	Explanation : 2 - 74 Gallo	on Units				
Sanitary Piping	1000/		di di			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping			di di			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2010	#200		#100	
Submersible	100%	2019	\$200	4	\$100	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location: Basement					
D'	Explanation : 2 Sets					
Fixtures	1000/					
Generic	100%					
Fire Suppression						
Chemical System	000/					
No Component	98%	2022		1.2	#100	
Generic	2%	2022	20/	1-3	\$100	
	Other Observation, Extent : Location : 1st Floor Kitch		2%0			
		ien				
	Explanation: Over Stove					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 270

Address : 91-45 121ST STREET

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 16,052 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Nov-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 9375 Lot : 7 BIN : 4196913

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$203,200	
Interior Architecture	\$280,300	
Electrical		\$103,800
Mechanical		\$101,600
Total	\$483,400	\$205,400
Importance Code A	\$203,200	
Importance Code B	\$280,300	\$205,400
Total	\$483,400	\$205,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$47,800		\$1,600	
Interior Architecture	\$86,100	\$500	\$500	\$1,500
Electrical	\$4,400	\$2,700	\$4,500	\$2,800
Mechanical	\$4,600	\$2,200	\$10,500	\$2,200
Total	\$142,900	\$5,400	\$17,100	\$6,400
Importance Code A	\$49,400	\$1,400	\$3,200	\$1,400
Importance Code B	\$50,500	\$3,900	\$13,900	\$4,600
Importance Code C	\$43,000			\$400
Total	\$142,900	\$5,400	\$17,100	\$6,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

chitecture	Current Repair	Future Replacement	M	laintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
erior					
Exterior Walls	000/ 31 0000 000		_	010.500	
Masonry: Brick	82% Now \$203,200 Cracking/Crumbling, Extent: Severe, A Location: North And South And East Jnt Mortar Miss/Erod, Extent: Severe, A Location: North And South And East Water Penetration, Extent: Severe, Are Location: North And South And East	Facades, Throughout Area Affected : 75% Facades, Throughout a Affected : 40%	5	\$13,500	
Masonry: Granite	5% Now \$9,700 Int Mortar Miss/Erod, Extent : Moderate Location : West Facade		5	\$600	
	Spalling, Extent: Moderate, Area Affect Location: West Facade Worn/Eroded, Extent: Moderate, Area Location: West Facade				
Masonry: Limestone	5% Now \$4,500 Cracking/Crumbling, Extent: Moderate Location: West Facade Jnt Mortar Miss/Erod, Extent: Moderate Location: West Facade		5	\$600	
	Spalling, Extent : Light, Area Affected : Location : West Facades	10%			
Wood Overhead Doors	4% Recent Replace Evident, Extent : Light, Location : West facade	2048 ** Area Affected : 100%	5	\$3,300	
Wood Overhead Doors	4%	2041 **	5	\$3,300	
Windows Aluminum	100% Now \$13,200 Air Infiltration, Extent : Light, Area Affa Location : Throughout	2044 ** ected : 10%	5	\$1,600	
Parapets					
Masonry: Brick	18% Now \$15,600 Water Penetration, Extent : Severe, Are Location : Set Back Roof, Back Of But		5	\$300	
Metal Panel	5%	2048 **	5	\$300	
Metal Panel Not Accessible	2% 70%	2038 **	5	\$100	
Not Accessible	5% Other Observation, Extent: Light, Area Location: 3rd Floor Roof Explanation: No Access To 3rd Floor	-			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Architecture	Current	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Roof							
Modified Bitumen	20% Now	\$4,800	2028	\$16,000			
	Blisters, Extent: Mo		ed : 20%				
	Location : Set Back						
	Water Penetration, I	Extent : Moderate, 1	Area Affe	cted : 30%			
	Location : Set Back	k Roof					
Not Accessible	80%						
	Other Observation,	Extent : Light, Area	Affected	: 0%			
	Location: 3rd Flo	or Roof, Main Roo	f				
	Explanation: No A	access To 3rd Floor	Roof.				
nterior							
Floors							
Cast in Place Concrete	35% Now	\$87,300	LIFE	* *	5	\$18,400	
	Cracking/Crumbling	, Extent : Severe, A	rea Affec	ted : 40%			
	Location : Appara	us Floor					
	Deflection Evident,	Extent : Moderate, 1	Area Affe	cted : 25%			
	Location : Appara	tus Floor					
Ceramic Tile	5%		2037	* *	5	\$1,200	
Quarry Tile	2%		2048	* *	5	\$700	
•	Recent Replace Evid	lent, Extent : Light,	Area Aff	ected : 100%			
	Location: 2nd Flo	or Division 13					
Quarry Tile	3%		2041	* *	5	\$1,100	
Q	Other Observation,	Extent : Light, Area		: 100%		Ψ1,100	
	Location : 1st Floo	or Squad 270	55				
	Explanation: 1st	Floor Squad 270					
Vinyl Tile	15% Now	\$30,600	2038	* *	3	\$1,400	
v myr rne	Cracking/Crumbling	. ,		ffected : 20%	J	Ψ1,100	
	Location : First Ar		-				
Vinyl Tile	15%		2038	* *	3	\$1,400	
villyl The	Recent Replace Evia	ent Extent · Light	_000	ected · 100%	3	\$1,700	
	=	l 3rd Floor Division		. 10070			
Hadan Cometica	25%		. 10				
Under Construction		Extent : Light A	Affects 1	. 00/			
	Other Observation,	=		. 070			
	Location: 1st And	*					
	Explanation: 1st A	ana 2na 1 toor Squa	a 270				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

rchitecture	Current R	epair	Futur	e Replacement	N	laintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
erior							
Interior Walls							
Ceramic Tile	5%		2037	* :	5	\$800	
Concrete Masonry Unit	5% Now	\$900	LIFE	* :	* 5	\$300	
	Cracking/Crumbling,	Extent : Light, Ar	ea Affect	ed : 5%			
	Location: Basment						
Gypsum Board	25%		LIFE	* :	\$ 5-10	\$6,800	
	Recent Installation, E. Location: 2nd And 3	_		l : 100%			
	-			di .			
Masonry: Brick	15% Now	\$28,000	LIFE	*:	ĸ		
	Jnt Mortar Miss/Erod, Location: Basment	Extent : Severe,	Area Affe	ected: 50%			
	-						
Plaster	25% Now	\$9,600	LIFE	*:	* 5	\$1,200	
	Cracking/Crumbling,				1.270		
	Location: First And	Inira Floor, Dis	tric Offic	13, 1st Floor Sq	1aa 270		
Under Construction	25%						
	Other Observation, Ex	_		2:0%			
	Location: 1st And 2	_					
G '1'	Explanation: 1st An	d 2nd Floor Squa	id 270				
Ceilings	5 0/		2022	* :	k =	¢1 200	
AcousTileSusp.Lay-In	5% 25%		2033 2048	* *	3	\$1,200	
AcousTileSusp.Lay-In	Recent Installation, E.	rtent · Light Area			3	\$6,000	
	Location: 2nd And 3	_		. 100/0			
Ermanad Compute	25% Now		LIFE	* :	* 5	\$900	
Exposed Concrete	25% NOW Cracking/Crumbling,	\$192,900 Extent : Severe A			3	\$900	
	Location: Basement		ней Аујес	.iea . 2570			
	Exposed Reinforcement		Area A	ffected : 25%			
	Location : Basement		e, 111eu 11j	јестей : 2570			
	Other Observation, Ex		ea Affecte	od · 100%			
	Location : Basement		arijjeere	a. 100/0			
	Explanation : Tempo	orarv Support Pre	esent				
Plaster	20% Now	\$12,600	LIFE	* :	* 5	\$3,000	
Tuster	Cracking/Crumbling,			ffected : 20%	3	ψ3,000	
	Location : Third Flo		-	9			
	Paint Peeling, Extent			: 20%			
	Location : Third Flo	or, Distric Offic	13				
	Water Penetration, Ex	tent : Moderate, 1	Area Affe	cted : 30%			
	Location : Third Flo	or, Distric Offic	13				
Under Construction	25%						
onder construction	Other Observation, Ex	ctent : Light, Area	ı Affected	! : 0%			
	Location: 1st And 2	_					
	Explanation: 1st An	d 2nd Floor Squa	ıd 270				
e Pavements							
Parking/Driveway							
Cast in Place Concrete	100%		2033	* *	k		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Electrical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cor Total (Years)	st Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	1000/			_		
Molded Case Bkrs	100%	2028	\$4,800	5	\$400	
	Other Observation, Extent : Moderat		ted : 100%			
	Location: Basement/ Electrical Ro					
~	Explanation: Main Service Discon	nect Switch R	Rated @ 500 Amp	eres.		
Switchgear / Switchboard	1000/	***	* • • •	-		
Fused Disc Sw	100%	2028	\$48,800	5	\$100	
	Other Observation, Extent: Moderat		теа : 100%			
	Location: Basement / Electrical Ro					
	Explanation: 1 Vertical Section Or	ıly				
Raceway	700/	2020	do1 000	1		
Conduit	70%	2028	\$21,900	1		
Conduit	30%	2054	**	1		
Panelboards	200/	2025	ф л л	_	4400	
Fused Disc Sw	20%	2027	\$7,700	5	\$100	
Molded Case Bkrs	50%	2027	\$19,200 * *	5	\$200	
Molded Case Bkrs	30%	2050	**	5	\$100	
Wiring	700/	2020	**	4		
Thermoplastic	70%	2028	\$19,400	1		
Thermoplastic	30%	2054	* *	1		
Motor Controllers	1000/	2026	A	_	***	
Locally Mounted	100%	2026	\$14,400	5	\$100	
Ground						
Grounding Devices	1009/					
Not Accessible	100% Other Observation Extent Light As	mag Aff . 1	00/			
	Other Observation, Extent: Light, And	reu Affected :	U70			
	Location:	lo El	Constant Committee		» Cu 1 1 1	
	Explanation: It Is Assumed That The Per Code Requirement	ne Eiectrical i	system Of This B	uuaing I.	s Grounded As	
Stand-by Power	тел соие кецинетет					
Transfer Switches						
Automatic	100%	2033	* *	1	\$4,900	
1 Involution	Other Observation, Extent : Moderat		ted : 100%		ΨΤ,200	
	Location: Basement					
	Explanation: No Available Namep	late Ratinos				
Generators	По плишове пипер					
Diesel	100%	2031	* *	1	\$6,200	
D10001	Other Observation, Extent : Moderat		ted : 100%		ψ0,200	
	Location : Outside	., on 119160				
	Explanation: Emergency Generato	or Rated @ 60) <i>Kw</i>			
Batteries	Tamer gency Generalo		-			
Lead/Acid	100%	2021	\$1,500	5	\$600	
Fuel Storage	_00,0	2021	Ψ1,500		ΨΟΟΟ	
Main Tank	100%	2043	* *	5	\$500	
mail I wilk	Other Observation, Extent : Moderat		ted : 100%	٥	ΨΣΟΟ	
	Location : Outside	,	= 20/0			
	Explanation: 50 Gallons Rated Ca	pacity				
	=squarer 100 Garions Rateu Cu	r				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	70%	2036	* *	10	\$10,300	
	T-8 Lamps And Fixtures, Extent: Light Location: Basement, 1st, 2nd, 3rd Flo	00				
Fluorescent	10%	2023	\$4,300	10	\$1,500	
	T-8 Lamps And Fixtures, Extent : Mode Location : 3rd Floor District Office	rate, Ared	a Affected : 100%			
Fluorescent	5%	2028	\$2,200	10	\$700	
	Compact Fluorescent Light, Extent : M Location : 1st Floor Kitchen And Lou		Area Affected : 100)%		
LED	15%	2036	* *			
	Other Observation, Extent : Light, Area Location : 2nd Floor Squad 270 Explanation : LED Light Fixtures	ı Affected	: 100%			
Egress Lighting						
Emergency, Battery	50%	2036	* *	10	\$1,900	
Exit, Service	50%	2036	* *	1		
Exterior Lighting						
HID	50% Other Observation, Extent: Moderate, Location: Front Of The Building	2028 Area Affe	\$30,300 cted : 100%	10		
	Explanation: 2- HID Fixtures					
LED	50%	2036	* *			
	Other Observation, Extent: Light, Area Location: Front Of The Building Explanation: 2- LED Fixtures		: 100%			
Alarm	7					
Security System						
Generic	100%	2028	\$48,500	1	\$6,000	
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Front Of The Building					
71. (0. 1. =	Explanation: 4 CCTV Surveillance C	ameras				
Fire/Smoke Detection	1000/	2026	* *	1.2	ФО СОО	
Generic, Analog	100% Other Observation, Extent: Light, Area	2036		1-3	\$9,900	
	Location : 3rd And 2nd Floor	і Ајјестеа	. 100%			
	Explanation : Smoke Detectors Only					
	Explanation . Smoke Detectors Only					

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Electricity	10%	2038 **	1	
Natural Gas	90%	2038 **	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment						
Radiant Heater	10%	2033	* *	2	\$700	
	Other Observation, Extent : Light, Area	Affected	: 10%			
	Location : Garage Area					
	Explanation: 2 Units					
Steam Boiler	90%	2045	* *	1	\$14,300	
	Other Observation, Extent: Light, Area	Affected	: 90%			
	Location: Basement					
	Explanation: Good Condition					
Distribution						
Central Plant Steam Piping/Pmp	40%	2028	\$101,600	4	\$500	
No Component	10%					
Under Construction	50%					
	Other Observation, Extent : Light, Area	Affected	: 0%			
	Location:					
	Explanation: Half Of The Building Is	Under R	enovation			
Terminal Devices						
Convector/Radiator	40%	2026	\$32,100	1	\$2,100	
No Component	10%					
Under Construction	50%					
	Other Observation, Extent: Light, Area	Affected	: 0%			
	Location :					
	Explanation: Half Of The Building Is	Under R	enovation			
Air Conditioning						
Energy Source						
Electricity	100%	2036	* *	1		
Conversion Equipment						
Exterior Pkg Unit -	20%	2033	* *	2	\$200	
Cooling			1000/			
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: 2nd Floor		_			
	Explanation: Serves Half Of The 2nd					
Window/Wall Unit	20%	2021	\$6,300	1		
No Component	10%					
Under Construction	50%					
	Other Observation, Extent: Light, Area	Affected	: 0%			
	Location: 2nd Floor					
	Explanation: 2nd Floor Of The Builds	ng Is Un	der Renovation			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Mechanical	Current Repair	Future Replacement Maintenance			aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Distribution	2004	LIE	* *	2	Φ.5. 200		
Ductwork/Diffusers	20% Other Observation, Extent: Light, Area Location: 2nd Floor Explanation: Serves Half Of The 2nd A	-	* *	2	\$5,200		
Ductwork/Diffusers	20% Recent Installation, Extent : Light, Area Location : 2nd Floor	LIFE	* *	2	\$5,200		
No Component	60%						
Terminal Devices							
No Component	80%						
Under Construction	20% Other Observation, Extent: Light, Area Location:						
	Explanation: Half Of The Building Is	Under Renovation					
Heat Rejection No Component Under Construction	80% 20% Other Observation, Extent : Light, Area	Affected : 0%					
	Location : Explanation : Half Of The Building Is						
Ventilation							
Distribution	500/						
No Component Under Construction	50% 50%						
Under Construction	0ther Observation, Extent : Light, Area Location :	Affected : 0%					
	Explanation: Half Of The Building Is	Under Renovation					
Exhaust Fans Wall Unit	15%	2023	\$800	2	\$100		
No Component Under Construction	35% 50%						
Onder Construction	Other Observation, Extent : Light, Area	Affected : 0%					
	Location:	- 					
	Explanation: Half Of The Building Is	Under Renovation					
Plumbing							
H/C Water Piping							
Brass/Copper	50% No Water Meter, Extent : Light, Area Af Location : Basement	2038 fected : 100%	* *	1			
Under Construction	50% Other Observation, Extent : Light, Area Location :	Affected : 0%					
	Explanation: Half Of The Building Is	Under Renovation					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Mechanical	Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	50%	2023	\$4,600	2	\$100	
	Other Observation, Extent : Li	ght, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gallon U	Inits				
Under Construction	50%					
	Other Observation, Extent : Li	ght, Area Affected	: 0%			
	Location:	-				
	Explanation : Half Of The Bi	uilding Is Under R	enovation			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2028	\$2,300	4	\$500	
Fixtures						
Under Construction	50%					
	Other Observation, Extent : Li	ght, Area Affected	: 0%			
	Location:					
	Explanation : Half Of The Bi	iilding Is Under R	enovation			
Generic	50%					
Fire Suppression						
Chemical System						
Generic	100%	2023	\$1,900	1-3	\$4,000	
	Other Observation, Extent : Li	ght, Area Affected				
	Location: 1st Floor Kitchen					
	Explanation: 1st Floor Kitch	nen				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 288 HAZARDOUS MATERIAL UNIT

Address : 56-29 68th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.288 / 13174 Yr Built/Renovated : 1913 /

Area Sq Ft : 8,800 Project Type : FIRE DEPARTMENT

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2395 Lot : 4 BIN : 4055348

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$64,700	
Interior Architecture	\$94,100	
Total	\$158,800	
Importance Code A	\$64,700	
Importance Code B	\$94,100	
Total	\$158.800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$80,100			\$2,500
Interior Architecture	\$60,800	\$400	\$600	\$2,600
Electrical	\$4,700	\$300		\$100
Mechanical	\$12,700	\$10,100	\$1,600	\$1,200
Site Enclosure	\$22,100			
Total	\$180,400	\$10,900	\$2,200	\$6,300
Importance Code A	\$87,800	\$900	\$900	\$3,300
Importance Code B	\$31,100	\$10,000	\$1,300	\$3,000
Importance Code C	\$61,400			
Total	\$180,400	\$10,900	\$2,200	\$6,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13174

Architecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	20/ N	¢22 000	2062	* *			
Copper/Terne	2% Now	\$33,800 ements, Extent : Seve	2062				
	Location : Cornic		.re, mea 1	ijjecieu . 0070			
Masonry: Brick	85% Now	\$10,100	LIFE	* *	5	\$16,800	
•	-	Extent : Moderate, A		ted : 80%			
	-	ear Corner And Side					
Masonry: Granite	3%		LIFE	* *	5	\$400	
Masonry: Limestone	5% Now	\$5,400	LIFE	**	5	\$700	
	Location: Front	od, Extent : Modera Facade	te, Area A	ујестеа : 30%			
Wood Overhead Doors	5%		2032	* *	5	\$4,900	
Windows	270		2032			ψ1,500	
Aluminum	100% 2-4	\$18,600	2043	* *	5	\$1,100	
		ınct, Extent : Moder	ate, Area	Affected : 50%			
	Location : Throug	ghout					
Parapets	100/		LIEE	* *	5	¢1 000	
Cast Stone/Terra Cotta Masonry: Brick	10% 85% 2-4	\$12,200	LIFE LIFE	* *	5 5	\$1,900 \$2,100	
Masoniy. Bilek		od, Extent : Modera			3	\$2,100	
	Location : Throug		,	2), 001000 1 1070			
	Vertical Cracks, Ex	tent : Moderate, Are	ea Affecte	d: 10%			
	Location: Front	Parapet					
Masonry: Limestone	5%		LIFE	* *	5	\$200	
Roof Modified Bitumen	100% 0-2	\$64.700	2037	* *			
Modified Bitumen		\$64,700 t : Light, Area Affect ms					
		nt : Moderate, Area	Affected :	15%			
		chpockets Are Failed					
		Extent : Light, Area	a Affected	: 30%			
	Location : Throug	,					
.	Explanation: Car	ulk At Flashing					
Interior Floors							
Cast in Place Concrete	50% Now	\$37,000	LIFE	* *	5	\$13,000	
Cubv III 1 11100 COIII01000		g, Extent : Moderate		fected : 60%		\$12,000	
	Location : Appare	atus Floor					
		Extent: Severe, Are	ea Affecte	d: 100%			
	Location : Appare						
		el Columns Shoring					
Ceramic Tile	10%		2036	* *	5	\$1,200	
Quarry Tile	5% 35% 0-2	\$17,600	2040 2032	**	5 3	\$900 \$1,600	
Vinyl Tile		\$17,600 nt : Moderate, Area			3	\$1,600	
	Location : 2nd Fl		₁ ,, cereu .	2370			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13174

Architecture		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete		Now	\$15,400	LIFE	**			
			xtent : Severe, Are all Near Electrical		d : 10%			
Ceramic Tile		Now	\$9,000	2036	* *	5	\$3,300	
Ceranne The	Broken/Mi	ssing Elem	ents, Extent : Mod out Apparatus Roo	'erate, Ar	rea Affected : 30%	3	ψ3,300	
Gypsum Board	15%			LIFE	* *	5	\$1,500	
Masonry: Brick		Now	\$9,500	LIFE	* *	J	Ψ1,500	
y. =	Water Pen		xtent : Moderate, A		cted : 20%			
Plaster	25%	Now	\$6,500	LIFE	* *	5	\$1,200	
	Deteriorat	ed Finish,	Extent : Severe, Ar		ted : 70%		, ,	
	Location	: 2nd Floo	or Stair					
	Paint Peel	ing, Extent	: Severe, Area Aff	ected : 6	0%			
	Location	: 2nd Floo	or Stair					
			xtent : Severe, Are ows Throughout	a Affecte	d : 20%			
Ceilings								
AcousTileSusp.Lay-In	35%			2032	* *	5	\$4,200	
Exposed Concrete	Cracking/0	_	\$57,100 Extent: Severe, A	LIFE rea Affec	* * cted : 30%	5	\$600	
		: Basemen	_					
	-	einforceme : Below W	ent, Extent : Severe Vatch Area	e, Area A	ffected : 5%			
			Extent : Severe, Are	a Affecte	ed: 5%			
			atch Area And Bas		, .			
	Explanat	ion : Large	e Chunks Of Concr	ete Have	Fallen, Exposing	Reinforc	ing	
Plaster		Now	\$2,700	LIFE	* *	5	\$2,600	
		ing, Extent : 2nd Floo	: Severe, Area Aff	ected : 6	0%		. ,	
			: Severe, Area Aff or Stair, Scuttle To		0%			
Site Enclosure	<u> </u>		<u> </u>					
Free Standing Walls								
Masonry: Brick	100%	2-4	\$20,900	2047	* *			
			Extent: Moderate	e, Area Ą	ffected : 10%			
		: Through						
			d, Extent : Modera	te, Area 1	Affected : 10%			
	Location	: Through	out					
Retaining Walls	1000/	0.2	Ø1 200	2072	* *			
Cast in Place Concrete	100%	0-2	\$1,200 ents, Extent : Seve	2062				
		_	sents, Extent : Seve st Struts To Brace I			Failing		
Site Pavements	Locunon	. Sicei I O	si siinis 10 Diuce I	ic iumin)	, mun me nusieu/	1 anng		

Site Pavements

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13174

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Site Pavements				
On-Site Walkways				
Cast in Place Concrete	100%	2040 **		
Parking/Driveway				
Cast in Place Concrete	100%	2040 **		

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	St Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100% 0-2 \$2,40		* *	5	\$100	
	Other Observation, Extent: Light, A	00	100%			
	Location: Basement Service Room		: Doorbook In M		:1: D	
	Explanation : 200 Amperes 3 Phas Only	e - main Circi	ш Бгеакег іп ма	un Distr	ibution Panet	
Raceway	•					
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring	1000/	• • • •	ماد ماد			
Thermoplastic	100%	2037	* *	1		
Motor Controllers	1000/	2025	Φ1.4.400	-	#100	
Locally Mounted	100%	2025	\$14,400	5	\$100	
	Other Observation, Extent : Light, A Location : Basement Boiler Room.	00	100%			
			2 Owerland Dee			
Ground	Explanation: Controls For Heatin	g system Ana 1	2 Overneda Doo	73		
Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$100	
Lighting					4-00	
Interior Lighting						
Fluorescent	95%	2027	\$22,600	10	\$7,700	
	T-8 Lamps And Fixtures, Extent: Li	ght, Area Affec	eted : 70%			
	Location: Basement And 1st Floor	•				
Incandescent	5%	2027	\$2,800	2		
	Other Observation, Extent: Light, A	rea Affected :	20%			
	Location: 2nd Floor Conference R	Room				
	Explanation: Incandescent Lamps					
Egress Lighting						
Exit, Service	30%	2027	\$300	1		
	Other Observation, Extent: Light, A	rea Affected :	100%			
	Location: 2nd Floor					
	Explanation: Exit Fixture Observe	ed .				
No Component	70%					
Exterior Lighting	1000/					
HID	100%	2032	* *	10		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13174

Electrical		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2055	* *	5	\$300	
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%	0-2	\$2,300	2027	\$4,600	1-3	\$200	
	Devices M	issing, Ext	ent : Severe, Area A	Affected .	: 50%			
	Location	: 2nd Floo	r					

Mechanical		Current I	Repair	Futui	re Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Steam Boiler	100%	4+	\$5,300	2040	* *	1	\$7,800	
	Other Obse	ervation, E	Extent : Light, Area	Affected	l : 30%			
	Location	: Boiler						
	Explanati Hinges.	ion : Jacke	et Rusted Out Due	To Leak .	Above. Chimney H	atch Has	Also Rusted Off	
Distribution								
Central Plant Steam Piping/Pmp	100%	4+	\$7,000	2037	* *	4	\$400	
1 2 1	Other Obse	ervation, E	Extent : Moderate, A	Area Affe	ected : 20%			
	Location	: Piping A	round Boiler					
	Explanati	ion : Evide	ence Of Steam Leak	Above I	Boiler			
Terminal Devices								
Convector/Radiator	100%			2032	* *	1	\$2,800	
	Other Obse	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
		: Through						
	Explanati	ion : Origi	nal Equipment. Sh	owing Si	gns Of Age.			
Air Conditioning	-							
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2020	\$8,600	1		
No Component	50%							
Ventilation Tentilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$2,500	
No Component	50%							
Exhaust Fans								
Interior	50%			2027	\$14,600	2	\$100	
Roof	50%			2032	**	2	\$100	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13174

Mechanical	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2025	\$5,000	2	\$100	
	Other Observation, Extent : Light, A	Area Affected : 10	00%			
	Location: Basement					
	Explanation: Two 75 Gallon Unit	'S				
Sanitary Piping						
Cast Iron	10%	LIFE	* *	1		
	Recent Replace Evident, Extent : Lig Location : Boiler Room	ght, Area Affected	d : 40%			
Cast Iron	40%	LIFE	* *	1		
Cast Iron	Recent Replace Evident, Extent : Lig Location : Throughout			1		
	Other Observation, Extent : Light, A	Area Affected : 40	0%			
	Location: Throughout					
	Explanation: No Hub Cast Iron P					
Cast Iron	50%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$300	4	\$300	
Backflow Preventer						
No Component	95%					
Generic	5%	2032	* *	1		
Fixtures						
Generic	100%					
re Suppression Chemical System						
Wet	5%	2025	\$100	1-3	\$200	
***************************************	Other Observation, Extent : Light, A		•	1-5	Ψ200	
	Location: Kitchen		· / •			
	Explanation : Over Range					
No Component	95%					
No Component	73/0					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 1617

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 41

Address : 330 EAST 150th STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 7,125 Project Type : FIRE DEPARTMENT

Date of Survey : 21-Mar-2016 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 2331 Lot : 33 BIN : 2000930

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$42,300
Total		\$42,300
Importance Code A		\$42,300
Total		\$42.300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,400	\$2,500		
Interior Architecture	\$35,300	\$1,500	\$100	\$300
Electrical	\$100	\$100	\$100	\$11,500
Mechanical	\$12,800	\$4,000	\$1,600	\$5,500
Site Pavements	\$13,600			
Total	\$71,200	\$8,100	\$1,800	\$17,300
Importance Code A	\$10,100	\$3,200	\$700	\$700
Importance Code B	\$24,800	\$4,800	\$1,100	\$16,500
Importance Code C	\$36,300	\$100		
Total	\$71,200	\$8,100	\$1,800	\$17,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13029

Architecture	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	80%		LIFE	* *	5	\$25,400	
	Int Mortar Miss/ Location : Sout	Erod, Extent : Light, A	rea Affec	rted : 3%			
		n Facaae Light, Area Affected :	1%				
	Location : Sout		170				
Masonry: Granite	3%		LIFE	* *	5	\$700	
Masonry: Limestone	12%		LIFE	* *	5	\$2,900	
Metal Sect. OHD	5%		2040	* *	5	\$5,000	
Windows							
Aluminum	100% 4+	\$1,000	2043	* *	5	\$500	
		n, Extent : Moderate, .	Area Affe	ected : 20%			
	Location : Inter						
Parapets	Explanation : L	ory Kot					
Cast Stone/Terra Cotta	10%		LIFE	* *	5	\$1,900	
Masonry: Brick	85%		LIFE	* *	5	\$2,000	
,		Light, Area Affected :				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Location : Main	n Roof					
Metal Cornice	5%		2055	* *	10	\$400	
Roof							
Modified Bitumen	95% 4+	\$8,500	2027	\$42,300			
		Light, Area Affected : 1 Roof And Upper Roo					
		i Kooj Ana Opper Kooj · Light, Area Affected :					
	_	Roof And Upper Rooj					
		tent : Moderate, Area		: 40%			
		er And Main Roof	33				
Skylight, Metal/Glass	5%		2037	* *	10	\$1,200	
, ,	Corrosion/Rustin	g, Extent : Light, Area	Affected	: 10%			
	Location : On I	Aain Roof					
Interior							
Floors Cast in Place Concrete	50%		LIFE	* *	5	\$11,700	
Ceramic Tile	30% 2%		2036	**	5 5	\$11,700 \$200	
Quarry Tile	5%		2040	* *	5	\$200 \$800	
Vinyl Tile	38%		2032	* *	3	\$1,500	
Wood	5%		2055	* *	5	\$1,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13029

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type		ail Date Estimated Cos (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior								
Interior Walls								
Ceramic Tile	1%		2030	* *	5	\$200		
Gypsum Board	3%		LIFE	* *	5	\$400		
	Repairs in Progress, Extent : Light, Area Affected : 15% Location : 2nd Floor Bedroom							
Masonry: Brick	15%	0-2 \$12,400) LIFE	* *				
	Spalling, Extent : Moderate, Area Affected : 15% Location : Basement At Front							
	Water Penet Location :	ration, Extent : Moderate Basement	e, Area Affe	cted : 10%				
Plaster	56%		LIFE	* *	5	\$3,300		
	Paint Peelin	Paint Peeling, Extent: Light, Area Affected: 4%						
	Location:	Location : 3rd Floor Bedroom						
SGFT/Glazed Masonry	25%	0-2 \$10,300	LIFE	* *				
		umbling, Extent : Modero Apparatus Floor		ffected : 10%				
Ceilings								
AcousTileSusp.Lay-In	5%		2032	* *	5	\$500		
Embossed Metal	70%	4+ \$2,900	LIFE	* *	5	\$3,400		
	Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1% Location : 4th Floor Ceiling					·		
Exposed Concrete	23%		LIFE	* *	5	\$400		
Exposed Struc: Steel	2%	2-4 \$9,800		* *				
	Corrosion/R	usting, Extent : Severe, A		d : 15%				
	Location:	Front Of Basement Unde	r Overhead	l Door				
Site Enclosure								
Fence/Gates								
Chain link	100%		2037	* *				
Free Standing Walls								
Masonry: Brick	100%		2037	* *				
Retaining Walls								
Cast in Place Concrete	100%		2047	* *				
Site Pavements								
Parking/Driveway								
Asphalt	80%	2-4 \$13,600	2030	* *				
•	Cracking/Cr	umbling, Extent : Modero Parking Area		ffected : 50%				
Cast in Place Concrete	20%		2032	* *				
Cust III I luce Colletete	2070		2032					

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13029

Electrical	Current Repair	Future R	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2047	**	5				
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement Service Area							
Dagaway	Explanation: 200 Amperes	3 Pn						
Raceway Conduit	70%	2027	\$23,900	1				
Conduit	30%	2047	\$23,900 * *	1				
Panelboards	3070	2017		-				
Molded Case Bkrs	75%	2043	* *	5	\$100			
Molded Case Bkrs	25%	2035	* *	5	4			
Wiring								
Thermoplastic	100%	2047	* *	1				
Motor Controllers								
Locally Mounted	100%	2032	* *	5				
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
	Other Observation, Extent: Light, Area Affected: 50%							
	Location : Basement Explanation : There Is No Ground Jumper, Jumping The Water Meter. Jumper Needs To Be							
	Explanation : There Is No (Provided.	round Jumper, Jumpin	ig The Water M	leter. Jun	nper Needs To Be			
Lighting								
Interior Lighting								
Fluorescent	60%	2032	* *	10	\$3,900			
	T-8 Lamps And Fixtures, Extent: Light, Area Affected: 100% Location: Basement, 1st And 3rd Floors							
Fluorescent	25%	2027	\$5,300	10	\$1,600			
Incandescent	15%	2022	\$7,500	2				
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Sleeping Room 2nd Floor							
	Explanation: Downlights							
Egress Lighting								
Emergency, Service	50%	2037	* *	1				
No Component	50%							
Exterior Lighting	1000/	2022	* *	10				
HID	100%	2032	* *	10				
Alarm								
Security System	750/							
No Component Generic	75%	2025	* *	1	¢700			
Generic	25% Other Observation Extent: 1	2035		1	\$700			
	Other Observation, Extent : Light, Area Affected : 100% Location : Facade							
		Camera						
	Explanation: One Security	Camera						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13029

Mechanical	Cur	Current Repair F		Future Replacement		Maintenance	
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/	•	•••	di di			
Natural Gas	100% 0-		2037	* *	1		
	Location : Bas	nt : Severe, Area Affecte cement	ed: 20%				
Conversion Equipment	Bocanon : Bas	emem .					
Steam Boiler	100%		2032	* *	1	\$7,100	
Distribution							
Central Plant Steam	100%		2037	* *	4	\$400	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$2,300	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Split Unit	10%		2032	* *			
Window/Wall Unit	20%		2020	\$3,000	1		
Window/Wall Unit	60% No	. ,	2027	\$9,100	1		
		Severe, Area Affected . 2nd And 3rd Floors	: 50%				
No Component	10%	2na Ana 3ra Fioors					
Ventilation	1070						
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$800	
Ductwork/Diffusers		Extent : Light, Area Aj		100%	2-3	\$800	
	_	chen Hood Exhaust Duc	-	10070			
No Component	80%						
Exhaust Fans							
Interior	25%		2027	\$6,500	2	\$100	
Wall Unit	25%		2027	\$600	2	\$100	
No Component	50%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2037	* *	1		
Water Heater							
Gas Fired	100%		2022	\$4,400	2	\$100	
		on, Extent : Light, Area	ı Affectea	!: 100%			
	Location: Bas						
	Explanation:	l - 75 Gallon Unit					
Sanitary Piping							
Cast Iron	70%		LIFE	* *	1		
Cast Iron	30% 2-		LIFE	* *	1		
		nt : Moderate, Area Affe	ected : 30	9%			
	Location : Bas	ement					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13029

Mechanical	Current Repair	Future Repl	acement	М	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Storm Drain Piping							
Cast Iron	80%	LIFE	* *	1			
Cast Iron	20% 2-4 \$3	,000 LIFE	* *	1			
	Corroded, Extent: Moderate, Ar	ea Affected : 30%					
	Location: Basement						
Sump Pump(s)							
Submersible	100%	2021	\$200	4	\$200		
Backflow Preventer							
No Component	95%						
Generic	5%	2032	* *	1			
	Other Observation, Extent : Ligh	t, Area Affected : 100%	6				
	Location: Basement						
	Explanation : Serves Boiler On	ly					
Fixtures							
Generic	100%						
	Other Observation, Extent : Ligh	t, Area Affected : 50%					
	Location: Bathrooms						
	Explanation: Toilet Bowls Are	Cracked					
Fire Suppression							
Chemical System							
Wet	10%	2025	\$200	1-3	\$500		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Kitchen						
	Explanation: Serves Cooking A	lrea -					
No Component	90%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : SQUAD 61

Address : 1518 WILLIAMSBRIDGE ROAD BTWN EASTCHESTER RD - POPLAR ST

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.061 / 13049 Yr Built/Renovated : 1929 /

Area Sq Ft : 6,440 Project Type : FIRE DEPARTMENT

Date of Survey : 06-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4082 Lot : 11 BIN : 2044205

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$47,600	
Electrical		\$114,500
Total	\$47,600	\$114,500
Importance Code A	\$47,600	
Importance Code B		\$114,500
Total	\$47,600	\$114,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$78,800			\$3,300
Interior Architecture	\$33,100			\$300
Electrical	\$2,400	\$600	\$600	\$700
Mechanical	\$9,600	\$1,000	\$900	\$5,100
Site Enclosure	\$800			
Site Pavements	\$2,300			
Total	\$127,000	\$1,500	\$1,500	\$9,300
Importance Code A	\$79,500	\$600	\$600	\$3,900
Importance Code B	\$35,100	\$900	\$800	\$5,400
Importance Code C	\$12,300			
Total	\$127,000	\$1,500	\$1,500	\$9,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13049

Architecture	Current Repair	Future Ro	eplacement	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Es	,	ycle Estimated Cost 'rs)	Priority
Exterior					
Exterior Walls Alum/Vinyl Siding	5% 0-2 Broken/Missing Elements, Ext	\$3,500 2044 tent : Light, Area Affec	* * ted : 20%		
	Location: Throughout				
Masonry: Brick	75% 0-2 \$\ Cracking/Crumbling, Extent: Location: Throughout Jnt Mortar Miss/Erod, Extent Location: Throughout		20%	5 \$15,800	
Masonry: Limestone	10% 0-2 \$\frac{9}{2}\$ Int Mortar Miss/Erod, Extent Location: Throughout	625,500 LIFE : Light, Area Affected		5 \$1,600	
Metal Sect. OHD	10%	2037	**	5 \$6,600	
Windows	i			* - 7	
Aluminum	100% 0-2 S Broken/Missing Elements, Ext Location: Throughout	817,000 2040 tent : Severe, Area Affe		5 \$1,000	1
Parapets					
Cast Stone/Terra Cotta	20%	LIFE	* *	\$4,000	
Masonry: Brick	Other Observation, Extent : S Location : Roof			5 \$1,900	
	Explanation : New Flashing	= ==			
Masonry: Limestone	5% 0-2 Cracking/Crumbling, Extent: Location: Throughout Jnt Mortar Miss/Erod, Extent Location: Throughout		20%	5 \$200	
Roof					
Modified Bitumen	95% 0-2 Water Penetration, Extent: Solution: Throughout	\$9,100 2029 evere, Area Affected : 2	* *		1
Skylight, Metal/Glass	5%	2044	** 1	0 \$1,400	
nterior				·	
Floors					
Cast in Place Concrete	50% Now Other Observation, Extent: S Location: Apparatus Room Explanation: Floor Replace		5%	5 \$9,600	
Ceramic Tile	10%	2033		5 \$900	
Quarry Tile	10% 0-2 Cracking/Crumbling, Extent: Location: Throughout	\$1,300 2037	**	\$700	
Vinyl Tile	30% 0-2 Cracking/Crumbling, Extent: Location: Throughout	\$8,900 2029 Moderate, Area Affect		\$1,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 SQUAD 61

Asset #: 13049

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	30%	0.0	# 6 000	LIFE	* *	-		
Ceramic Tile	10%	0-2	\$6,800	2033	**	5	\$600	
		issing Elem : 2nd Floc	nents, Extent : Seve or Toilets	re, Area	Affected: 15%			
Communa Donal	5%	. 21th F 100	7 Tollers	LIEE	* *	-	\$400	
Gypsum Board Plaster	5% 25%	0-2	\$2,500	LIFE LIFE	* *	5 5	\$400 \$900	
Plaster			\$2,500 Extent : Moderate			3	\$900	
	_	: Through		, Агеи А	ijecieu . 3070			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings	3070			DII E				
AcousTileSusp.Lay-In	20%	0-2	\$5,700	2029	* *	5	\$900	
,,		Crumbling,	Extent : Severe, A		cted : 60%	-	4,,,,	
		: Through						
Exposed Concrete	30%			LIFE	* *	5	\$400	
Plaster	50%	0-2	\$5,700	LIFE	* *	5	\$2,700	
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 30%			
	Location	: Through	out					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 30%			
	Location	: Through	out					
Site Enclosure								
Fence/Gates			****					
Chain link	100%	0-2	\$800	2044	**			
		ssing Elem : Through	nents, Extent : Mod out	erate, Ar	ea Affected : 10%			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways	1000/	0.2	#200	2027	* *			
Cast in Place Concrete	100%	0-2	\$200 Extent : Light, Are	2037				
	_	: Through	_	еи Ајјеси	ea . 20%			
Parking/Driveway	2000000							
Cast in Place Concrete	100%	0-2	\$2,100	2037	* *			
			Extent : Light, Are		ed : 10%			
	Location	: Through	out	-				

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2034 ** 5

 $Other\ Observation,\ Extent:\ Moderate,\ Area\ Affected:\ 100\%$

Location: Basement

Explanation: Main Service Switch Rated @ 200 Amperes

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13049

Electrical	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Switchgear / Switchboard					
Molded Case Bkrs	100%	2024 \$48,800	5	\$200	
Raceway	1000/	2024 **			
Conduit	100%	2034 **	1		
Panelboards Molded Case Bkrs	100%	2032 **	5	\$200	
Wiring	10078	2032		\$200	
Thermoplastic	100%	2034 **	1		
Ground	10070	2031			
Grounding Devices					
Generic	100%	LIFE **	5	\$100	
Stand-by Power					
Transfer Switches					
Automatic	100%	2029 **	1	\$2,000	
Generators					
Diesel	100%	2027 \$65,700	1	\$2,500	
	Other Observation, Extent: Modera	ite, Area Affected : 100%			
	Location: Outside The Building	ulut Butus			
Batteries	Explanation: No Available Name	plate Katings			
Lead/Acid	100%	2019 \$1,500	5	\$200	
Fuel Storage	10070	2019 \$1,500		\$200	
Main Tank	100%	2039 **	5	\$200	
Widin Turk	Other Observation, Extent : Modera		5	Ψ200	
	Location : Basement	, 33			
	Explanation: 550 Gallon Capacit	y			
Lighting					
Interior Lighting					
Fluorescent	100%	2024 \$17,400		\$5,900	
	T-12 Lamps And Fixtures, Extent:		%		
- 	Location : Throughout The Buildin	ng			
Egress Lighting	500/	2024			
Emergency, Service	50%	2024 \$1,600	1		
Exit, Service	50%	2024 \$400	1		
Exterior Lighting HID	100%	2024 \$24,300	10		
Alarm	10070	ZUZ4 \$Z4,300	10		
Security System					
No Component	50%				
Generic	50%	2024 \$9,700	1	\$1,200	
	Other Observation, Extent : Modera		-	¥-,= 00	
	Location : Front Of The Building	••			
	Explanation : CCTV Surveillance	Camera			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13049

Mechanical		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	4000/			20.50				
Natural Gas	100%			2050	* *	1		
Conversion Equipment Steam Boiler	1000/			2041	* *	1	¢ (100	
Steam Boller	100%	ervation E	Extent : Light, Area	2041		1	\$6,400	
		: Basemer	=	11,1100104	. 100/0			
		ion : One						
Distribution	1							
Central Plant Steam	100%	0-2	\$2,000	2044	* *	4	\$300	
Piping/Pmp								
		_	Extent : Moderate	Area Af	fected : 5%			
	Location	: Piping A	round The Boiler					
Terminal Devices	1000/			2027	* *	1	#2 100	
Convector/Radiator	100%			2037	* *	1	\$2,100	
Air Conditioning Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment	10070			2040		-		
Window/Wall Unit	50%			2019	\$6,300	1		
No Component	50%				* - ,			
Ventilation								
Exhaust Fans								
Interior	50%			2024	\$10,700	2	\$100	
Roof	50%			2024	\$5,000	2	\$100	
Plumbing								
H/C Water Piping Galvanized Steel	100%			2029	* *	1		
Water Heater	100%			2029		1		
Gas Fired	100%			2022	\$3,700	2	\$100	
Gus i nea		ervation, E	Extent : Light, Area		·	2	Ψ100	
		: Basemer	_	33				
	Explana	ion : 1 - 7:	Gallon Unit					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping		_						_
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	10007			2010	4400		#	
Submersible	100%			2019	\$200	4	\$200	
Backflow Preventer	050/							
No Component Generic	95% 5%			2029	* *	1		
Generic		ervation E	Extent : Light, Area			1		
		: Basemer	_	тујески	. 100/0			
			es Boiler Only					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 SQUAD 61

Asset #: 13049

Mechanical	Current Repair	Future Repla	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures	1000/					
Generic	100%					
	Obsolete Fixtures, Extent : Severe, Are	a Affected : 100%	ó			
	Location : Kitchen And Bathroom					
Fire Suppression Chemical System						
Dry	10%	2022	\$200	1-3	\$400	
•	Other Observation, Extent : Light, Area	a Affected : 100%	, ,			
	Location : Kitchen					
	Explanation: Model Kp-275					
No Component	80%					
Generic	10%	2022	\$200	1-3	\$400	
	Other Observation, Extent : Light, Area	a Affected : 100%	, ,			
	Location: Throughout					
	Explanation: Fire Extinguishers					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : FDNY PLATFORM / PILE SUPPORTED PLATFORM

Address : RANDALLS ISLAND SUNKEN MEADOW

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.100 / 13857 Yr Built/Renovated :

Area Sq Ft : 17,325 Project Type : FIRE DEPARTMENT

Date of Survey : 08-May-2014 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$752,200	\$102,000
Total	\$752,200	\$102,000
Importance Code A	\$536,800	\$66,600
Importance Code B	\$215,400	
Importance Code C		\$35,400
Total	\$752,200	\$102,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$89,900	\$100		\$5,100
Total	\$89,900	\$100		\$5,100
Importance Code A	\$29,900			
Importance Code B	\$37,900	\$100		\$5,100
Importance Code C	\$22,200			
Total	\$89,900	\$100		\$5,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FDNY PLATFORM / PILE SUPPORTED PLATFORM

Asset #: 13857

Piers	Current Repair Future Replacement		M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
tructural					
Deck	520/	TIFE **	-	Φ1 7 100	
Concrete	53% Cracking, Extent: Light, Area Affected Location: Isolated Throughout Unde	: 5%	5	\$17,100	
Concrete	2% 4+ \$20,300 Spalling, Extent : Moderate, Area Affect Location : Throughout In Deck Soffit	LIFE ** sted : 100%	5	\$600	
Not Accessible	45%				
Deck Surface					
Asphalt	65% Surface Wearing/Scaling, Extent : Ligh Location : Throughout	2034 ** t, Area Affected : 5%	5	\$12,400	
No Component	5%				
Not Accessible	30%				
Pile Caps					
Concrete	2% 4+ \$9,600 Cracking, Extent: Moderate, Area Affe Location: Throughout Spalling, Extent: Severe, Area Affected Location: Isolated Throughout With	1:50%	5		
Concrete	98% Cracking, Extent: Light, Area Affected Location: Isolated Throughout Spalling, Extent: Light, Area Affected: Location: Isolated Throughout		5	\$1,100	
Piles and Bracing					
Steel	25% 4+ \$536,800 Corrosion, Extent: Moderate, Area Aff Location: Above Mean Low Water El Defective Cathodic Protection, Extent: Location: Anodes Missing Throughor Missing Coating, Extent: Severe, Area Location: Above Mean Low Water El	levation Throughout Severe, Area Affected : 10 ut Affected : 100%	5	\$66,600	
N		evation Intoughout			
Not Accessible	75%				
ender Buffer					
Buffer Rubber	65% Now \$31,100 Loose Connections, Extent: Severe, Ar Location: At Areas Of Timber Decay	• • • • • • • • • • • • • • • • • • • •	4-5	\$5,200	
No Component	35%				
140 Component	JJ / U				

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FDNY PLATFORM / PILE SUPPORTED PLATFORM

Asset #: 13857

Piers	Current Repair Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Fender					
Facing	(50/ N \$72.400	2024 **	2 012 100		
Timber	65% Now \$72,400 Rotting/Splitting, Extent : Severe, Area	2034	3 \$12,100		
	Location : Above Mlw Elevation	Affected . 00%			
	Other Observation, Extent : Severe, Are	ea Affected : 20%			
	Location : At South End Of Pier And				
	Explanation : Fire Damage				
No Component	35%				
Wales and Chocks					
Timber	65% Now \$54,800	2034 **	4 \$16,800		
	Rotting/Splitting, Extent: Severe, Area	Affected: 70%			
	Location: Typical Upper Wale And Is	solated Throughout			
	Other Observation, Extent: Severe, Are	ea Affected : 30%			
	Location: At South End Of Pier				
	Explanation : Fire Damage				
No Component	35%				
Piles					
Steel	15% Now \$44,100	2040 **	3-5 \$15,800		
	Other Observation, Extent : Severe, Ard Location : Near Center Of Berth	ea Affectea : 30%			
	Explanation: Impact Damage				
C41		2040 **	2.5 \$15.000		
Steel	15% 4+ \$44,100 Corrosion, Extent : Moderate, Area Aff		3-5 \$15,800		
	Location: Above Mlw Throughout Pi				
No Component	35%	es ind ingle Bracing			
Not Accessible	35%				
Pile Cluster					
Timber	35%	2023 \$35,400	4-10 \$12,800		
	Rotting/Splitting, Extent: Moderate, Ar	. ,	, ,,,,,,		
	Location: Within The Tidal Zone				
Timber	15% Now \$15,200	2030 **	4 \$700		
	Broken, Extent : Severe, Area Affected	: 100%			
	Location: Offshore Dolphin. Within T	Tidal Zone.			
Not Accessible	50%				
Deck Elements					
Railing					
Steel	5% 0-2 \$6,800	2023 \$22,700			
	Loose Connections, Extent: Severe, Ar	• • • • • • • • • • • • • • • • • • • •			
	Location: Railing At North Side Of N				
Fencing	95%	2026 \$24,500	3 \$200		
	Corrosion, Extent: Light, Area Affected	d:5%			
	Location : At Base Connections				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : WHARF UNDER EC 331/LC 173 BY HARBOR ADAM Address : 158-67 CROSS BAY BLVD. SHELL BANK BASIN

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, NYP0103.010 \, / \, 13649 \qquad \qquad Yr \, Built/Renovated \quad : \, \\$

Area Sq Ft : 5,520 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 14163 Lot : 101 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$13,700			
Total	\$13,700			
Importance Code A Importance Code B	\$13,700			
Total	\$13,700			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 WHARF UNDER EC 331/LC 173 BY HARBOR ADAM

Asset #: 13649

Piers	Current Repair Future Replacement		nent	M					
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated	l Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
Concrete	60%			LIFE		* *	5	\$6,200	
	_	Extent : Light,	Area Affected	: 5%					
		: Throughout							
	-	Extent : Light, A							
		: At Pile Cap	-		-				
		ervation, Exten	_		: 5%				
		: Isolated Thro	_	rdeck					
	Explanat	ion : Honeycor	mbing						
Not Accessible	40%								
Pile Caps									
Concrete	15%	4+	\$13,700	LIFE		* *	5	\$100	
		xtent : Moderd		ted : 100	%				
	Location	: Southeast Pi	le Cap						
Concrete	85%			LIFE		* *	5	\$300	
Piles and Bracing									
Concrete Encased Steel	75%			LIFE		* *			
	Recent Rep	pair Evident, E	xtent : Light, A	Area Affe	cted : 100%	Ó			
	Location	: All Piles Are	Encased In C	oncrete					
Not Accessible	25%								
Fender									
Facing									
Composite	40%			2024	\$	9,900			
No Component	25%								
Not Accessible	35%								
Deck Elements									
Railing									
Steel	25%			2023					
		Extent : Light		d: 10%					
	Location	: Throughout	Railing						
No Component	75%								

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : EAST SHORE RIP-RAP SHORELINE

Address : RANDALLS ISLAND/ NORTH OF DEP TO NORTH OF PLATFORM

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIR0003.110 / 13858 Yr Built/Renovated :

Linear Ft : 720 Project Type : FIRE DEPARTMENT

Date of Survey : 08-May-2014 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$52,900	
Total	\$52,900	
Importance Code C	\$52,900	
Total	\$52,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$27,100	\$100		
Total	\$27,100	\$100		
Importance Code B Importance Code C	\$27,100	\$100		
Total	\$27,100	\$100		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EAST SHORE RIP-RAP SHORELINE

Asset #: 13858

Bulkheads		Current R	epair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment								
Stone	90%			LIFE	* *	5	\$3,900	
			ght, Area Affected	l : 100%				
	Location	: Steep Slop	oe Throughout					
Stone	10%	4+	\$52,900	LIFE	* *	5	\$400	
			oderate, Area Aff					
	Location	: At 375 Fe	et To 400 Feet Ar	d 505 To	o 570 Feet From N	orth Of I	FDNY Pier	
Backfill								
Fill								
Topsoil	15%	Now	\$23,200	2065	* *			
			re, Area Affected					
					And At 482 From	North		
			ere, Area Affected					
	Location	: Adjacent	To FDNY Platfor	n				
Not Accessible	85%							
Surface								
Gravel	20%			2038	* *	2-5	\$400	
Topsoil	40%			2023	\$15,500	5	\$1,300	
Topsoil	5%	Now	\$1,900	2025	\$1,900	5	\$100	
	Settlement,	Extent : Se	vere, Area Affecte	ed: 100%	6			
	Location	: Adjacent	To FDNY Platfor	n				
Not Accessible	35%							
Deck Elements								
Railing								
Fencing	55%			2026	\$21,500	3	\$200	
Fencing	5%	Now	\$2,000	2030	* *	3		
_	Progressin	g Scour, Ex	tent : Severe, Are	a Affecte	d : 100%			
	Location	: 20 Feet L	engths At 530 Fee	t And 64	0 Feet From North	of FDN	IY Pier	
No Component	40%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2017 FIRE DEPARTMENT - FY 2018

Asset Name : NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA

Address : AT FRONT AND WAVE STREETS

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRMAR9.010 / 14767 Yr Built/Renovated : 2011 /

Area Sq Ft : 2,800 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jan-2015 Landmark Status : NONE

Areas Surveyed :

Block : 487 Lot : 100 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$194,700	\$227,200
Total	\$194,700	\$227,200
Importance Code A	\$194,700	\$227,200
Total	\$194,700	\$227,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$6,300	\$300	\$400	\$4,900
Total	\$6,300	\$300	\$400	\$4,900
Importance Code A	\$3,500			\$2,200
Importance Code B	\$2,500	\$100	\$100	\$2,500
Importance Code C	\$300	\$200	\$300	\$200
Total	\$6,300	\$300	\$400	\$4,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA

Asset #: 14767

Marinas/Docks		Current Repair	Future Replacement		M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways							
Gangways							
Aluminum	100%		2052	* *	1-3	\$10,600	
Floating Docks							
Anchor Piles Steel	50%		2052	* *	3-5	\$8,700	
Steel		Extent : Light, Area Affected			3-3	\$6,700	
		: Tidal Zone	. 1070				
Not Accessible	50%						
Deck							
Concrete	100%		2035	* *	5	\$89,500	
	Cracking, I	Extent : Light, Area Affected :	50%				
	Location	: Northern Half					
Fenders							
Rubber	100%		2025	\$3,400	1-2	\$2,500	
Floats/Frames	1000/						
Not Accessible	100%						
Barge	500 /		2020	* *	-	Φ2 000	
Steel Not Accessible	50% 50%		2039		5	\$2,800	
Protective Structure	30%						
Fenders							
Steel/Rubber	60%		2024	\$100,300			
		nt : Moderate, Area Affected : Throughout Splash Zone Ald		·			
Not Accessible	40%						
Wave Attenuator							
Steel/Timber	5%	2-4 \$67,800	2052	* *	5	\$9,100	
		nections, Extent : Severe, Area					
	Location	: On Section Adjacent To Flo	ating D	ock			
Steel/Timber	45%		2052	* *	5	\$164,300	
Not Accessible	50%						
Electrical/Mech.							
Power Supply/Bollards	1000/		2025	06.600			
Plastic	100%		2025	\$6,600			
Fender Piles							
Steel	50%		2027	\$27,900			
Steel	Other Obse Location	ervation, Extent : Light, Area : Tidal Zone Of Monopile Fen	Affectea	•			
		ion : Corrosion					
Not Accessible	50%						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

Project: FIRE DEPARTMENT

CAPITAL		F'	Y 2019 - 2022		F	Y 2023 - 2028
Miscellaneous Buildings			2,523,700			1,120,500
EXPENSE		FY 2019	FY 2020		FY 2021	FY 2022
Miscellar	neous Buildings	90,600	32,000		57,700	54,800
ASSET#	NAME			SQFT	CAPITAL	EXPENSE
1832	FIRE ACADEMY FIRE SIN	MULATOR BLDG #4	1	6,000	291,600	16,900
1833	FIRE ACADEMY MAINTE BLDG. 10	ENANCE AND STO	RAGE	4,800	233,300	13,500
1857	FIRE ACADEMY FIRE SIN	MULATOR BLDG #2	2	6,000	291,600	16,900
13736	FORT TOTTEN - BLDG. #	100 GUARD GATE		63	0	2,300
13742	FORT TOTTEN - BLDG. #	131 FORMER RESI	DENCE	3,274	159,100	9,200
13743	FORT TOTTEN - BLDG. #	132 FORMER RESI	DENCE	4,286	208,300	12,100
13744	FORT TOTTEN - BLDG. #	135 FORMER RESI	DENCE	4,339	210,900	12,200
13745	FORT TOTTEN - BLDG. #	136 FORMER RESI	DENCE	4,287	208,400	12,100
13751	FORT TOTTEN - BLDG. #	305 FORMER RESI	DENCE	1,555	75,600	4,400
13752	FORT TOTTEN - BLDG.# RESIDENCE	306 A AND B FORM	IER	4,194	203,800	11,800
13753	FORT TOTTEN - BLDG.# RESIDENCE	307 A AND B FORM	IER	4,194	203,800	11,800
13754	FORT TOTTEN - BLDG.# RESIDENCE	308 A AND B FORM	IER	4,208	204,500	11,800
13756	FORT TOTTEN - BLDG.# RESIDENCE	310 A AND B FORM	IER	4,208	204,500	11,800
13757	FORT TOTTEN - BLDG.# RESIDENCE	312 A AND B FORM	IER	4,282	208,100	12,000
13758	FORT TOTTEN - BLDG.# QUARTERMASTER STOR			3,274	159,100	9,200
13760	FORT TOTTEN - BLDG. #	317 FORMER RESI	DENCE	6,056	294,300	17,000
13765	FORT TOTTEN - BLDG. #	331 STORAGE		2,550	123,900	7,200
14029	FORT TOTTEN - BLDG. # STORAGE	334 QUARTERMAS	STER	600	0	21,900
14099	FIRE ACADEMY LIBRAR	Y - BLDG. #13		2,500	121,500	7,000
14944	FIRE ACADEMY BLDG. 1	5		1,296	63,000	3,600
14945	FIRE ACADEMY BLDG. 1	6		1,550	75,300	4,400
14946	FIRE ACADEMY BLDG. 1	7		2,124	103,200	6,000

Project: FIRE DEPARTMENT

CAPITAL	F	Y 2019 - 2022			FY 2023 - 2028
Special Systems		600,000			0
EXPENSE	FY 2019	FY 2020		FY 2021	FY 2022
Special Systems	939,000	1,126,000		1,346,000	1,654,000
ASSET# NAME			SOFT	СДРІТАІ	FXPENSE

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		0	0
4541	FIREBOAT - FIRE FIGHTER II		150,000	2,353,000
4542	FIREBOAT - THREE FORTY-THREE		150,000	1,654,000
4543	FIREBOAT - BRAVEST		225,000	721,000
4544	FIREBOAT - FEEHAN		75,000	337,000

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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